NOAA Technical Memorandum NMFS

JANUARY 1988

ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1969

Elizabeth G. Stevens
Richard L. Charter
H. Geoffrey Moser
Larry R. Zins

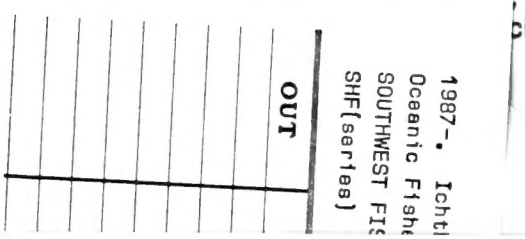
NOAA-TM-NMFS-SWFC-100

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Southwest Fisheries Center

NOAA Technical Memorandum NMFS

The National Oceanic and Atmospheric Administration (NOAA), organized in 1970, has evolved into an agency which establishes national policies and manages and conserves our oceanic, coastal, and atmospheric resources. An organizational element within NOAA, the Office of Fisheries is responsible for fisheries policy and the direction of the National Marine Fisheries Service (NMFS).

In addition to its formal publications, the NMFS uses the NOAA Technical Memorandum series to issue informal scientific and technical publications when complete formal review and editorial processing are not appropriate or feasible. , however, reflect sound professional work and may cientific and technical literature.



NOAA Technical Memorandum NMFS

This TM series is used for documentation and timely communication of preliminary results, interim reports, or special purpose information, and have not received complete formal review, editorial control, or detailed editing.

JANUARY 1988

ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1969

Elizabeth G. Stevens
Richard L. Charter
H. Geoffrey Moser
Larry R. Zins

Southwest Fisheries Center
National Marine Fisheries Service
La Jolla, CA 92038

NOAA-TM-NMFS-SWFC-100

U.S. DEPARTMENT OF COMMERCE
C. William Verity, Jr., Secretary
National Oceanic and Atmospheric Administration
Anthony J. Calio, Administrator
National Marine Fisheries Service
William E. Evans, Assistant Administrator for Fisheries

CONTENTS

LIST OF FIGURES

LIST OF TABLES

ABSTRACT

This report provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) cruises conducted off California and Baja California in 1969. It is the nineteenth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 1724 stations was occupied during 10 monthly multivessel cruises over the survey area which extended from the California-Oregon border to Pt. San Juanico, Mexico, and seaward to several hundred miles. The data are listed in a series of 6 tables; the background, methodology, and information necessary for interpretation and quantitative analysis of the data are presented in an accompanying text. All pertinent station and tow data, including volumes of water strained and standard haul factors, are listed in the first table. Another key table lists, by station and month, standardized counts of each of the 153 larval fish categories identified from survey samples. This and previous and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the newly developed computer data base.

INTRODUCTION

This report, the nineteenth of a series, provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) joint biological-oceanographic survey cruises conducted in 1969. This program was initiated in 1949, under the sponsorship of the Marine Research Committee of the State of California, to study the population fluctuations of the Pacific sardine (*Sardinops sagax*) and the environmental factors that may play a role in such fluctuations. CalCOFI, known as the California Cooperative Sardine Research Program from 1949 to 1953, was made up of representatives of the South Pacific Fisheries Investigations (SPFI) of the U.S. Fish and Wildlife Service [now the La Jolla Laboratory, National Marine Fisheries Service (NMFS)], the Scripps Institution of Oceanography (SIO), the California Department of Fish and Game (CDFG), the California Academy of Sciences (CAS) and the Hopkins Marine Station of Stanford University. The first three of these agencies supplied ships and personnel to conduct the sea surveys. NMFS processed the plankton samples and analyzed the ichthyoplankton from them. SIO processed and analyzed the hydrographic samples and measurements and also analyzed invertebrate groups from the plankton samples.

The boundaries, station placement, and sampling frequency for the CalCOFI survey area were based on the results of joint biological and oceanographic cruises conducted by NMFS and SIO during 1939-41. Those cruises were designed to collect sardine eggs and larvae and associated hydrographic data over the entire areal and seasonal spawning range of the species. On these survey cruises, plankton tows were made to 70 m, a depth which

encompassed the vertical distribution of sardine eggs and larvae. Wide-ranging joint biological and oceanographic survey cruises were resumed in 1949 with sardine as the focus; however, an increasing interest in other biological components resulted in the deepening of standard tows to 140 m in 1951. This marked the beginning of truly quantitative ichthyoplankton sampling on CalCOFI surveys.

Data resulting from CalCOFI surveys in 1969 have been published in a number of forms. Hydrographic data (Univ. of Calif., SIO, 1976, 1977, 1979, 1980) and zooplankton volumes (Smith, 1974) were presented in standard formats. Distributional maps of larvae of 2 taxa taken on CalCOFI surveys during 1969 are presented in the CalCOFI atlas series: rockfish (*Sebastes* spp.), Ahlstrom et al., 1978; and northern anchovy (*Engraulis mordax*), Hewitt, 1980.

A computer data base for eggs and larvae of sardine and anchovy, for larvae of Pacific hake (*Merluccius productus*), jack mackerel (*Trachurus symmetricus*) and Pacific mackerel (*Scomber japonicus*), and for eggs of Pacific saury (*Cololabis saira*) was established in 1969. The development of a data base for other fish larvae is a complex undertaking because competency of identification has evolved steadily over the past 38 years. We began the task of producing a CalCOFI ichthyoplankton data base and associated data report series in 1983. All available original records for 1969 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a,b,c; 1988a,b; Sandknop et al., 1987a,b; 1988a,b,c; Stevens et al., 1987a,b,c; 1988; Sumida et al., 1987a,b; 1988a, b) and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the computer data base. The data base will be modified when additional errors are discovered and when composite taxa from the earlier years are reidentified. These reports are the fundamental reference documents against which subsequent changes in the data base can be compared.

SAMPLING AREA AND PATTERN

In 1969, CalCOFI survey cruises were conducted at monthly intervals, except for March and November. A total of 1724 stations included in this data base was occupied on 10 cruises, with an average of 172 stations per cruise (range 93-315). Coverage of the survey station pattern varied among cruises and the entire survey area was not covered on any single cruise (Figures 1-13, Table 1). The area off northern California (lines 40-57) was covered on only one cruise (February). Coverage off central California (lines 60-77) was more consistent with all major lines occupied in January, February, May, July, August, October, and December. The area between Pt. Conception, California, and Pt. San Juanico, Baja California (lines 80-137) was occupied on cruises in February, April, July, October and December; southerly coverage of this region stopped at Sebastian

Vizcaino Bay (line 120) in January and at San Diego (line 93) in May and August. The June and September cruises covered northern and central Baja California (lines 97-137). The area off southern Baja California (lines 140-157) was not surveyed in 1969. Typically, coverage did not extend beyond station 90 (approximately 160-260 miles offshore); however, coverage extended seaward to station 140 (approximately 400-500 miles offshore) on lines 90 and 93 in January, April, July and October; and to station 120 (approximately 270-360 miles offshore) on all lines from 40 through 77 in February[1]. Some inshore stations were occupied in 1969 which were not covered on early CalCOFI surveys. These stations were included in the data base (Table 1) but were omitted from the station plots (Figures 2-13).

Three vessels were employed on these cruises: the *David Starr Jordan* and *Miller Freeman* of NMFS, and the *Alexander Agassiz* of SIO. One to three vessels participated on each cruise with two being the average number. The *Alexander Agassiz* was used on 8 cruises, the *David Starr Jordan* on 7 and the *Miller Freeman* on 1 (Univ. of Calif., SIO, 1976, 1977, 1979, 1980).

After 1969, CalCOFI surveys were made on a triennial basis. These began in 1972 and continued every 3 years (1975, 1978, 1981, 1984) until 1985 when annual surveys were resumed.

SAMPLING GEAR AND METHODS

In 1969, changes were made in both the gear and the method used to collect CalCOFI ichthyoplankton samples (Smith, 1974). The net material of the standard 1-m diameter ring net was changed from silk bolting cloth to 0.505 mm nylon mesh throughout; the cod end was constructed of 0.333 mm nylon mesh (P. E. Smith, pers. comm.). The 1-m net was mounted on a frame which also held a 1/2-m ring net constructed of 0.333 mm nylon mesh throughout (see Fig. 6 in Kramer et al., 1972). The frame was fastened to a short 3-lead bridle connected to several meters of line which attached to the towing cable by a clamp. A current meter was suspended in the center of the mouth of each

---

[1]CalCOFI lines (Figure 14) are arranged perpendicular to the coastline and extend from the Canadian border (line 10) to below Cape San Lucas, Baja California (line 157). Stations were established on the basis of a perpendicular to line 80 (off Pt. Conception) at a point designated as station 60. Stations were plotted seaward and shoreward from station 60 on each line. Cardinal CalCOFI lines (those ending in "0") are 120 miles apart and usually bracket two ordinal lines (ending in "3" or "7"), so that lines are 40 miles apart over most of the pattern. Cardinal stations are 40 miles apart and typically these are separated by a station number ending in "5" so that stations are 20 miles apart out to station 90 on most lines. Stations are placed at closer intervals near the coast and islands to accommodate these features (see Kramer et al., 1972 for further details).

net to measure volume of water filtered (see Kramer et al., 1972, for further details). The 2-net array was used only in 1969. The single 1-m ring net with 0.505 mm nylon mesh was used on the next two surveys (1972, 1975) and was replaced by the Bongo net in 1978.

The standard tow in 1969 was an oblique haul to 200 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3m^3/m$ of depth) over the vertical range of most ichthyoplankters. Hauls were made at a ship speed of 1.5-2.0 knots and initiated by clamping the net line to the towing cable with the 45 kg terminal weight about 10-15 m below the surface. The net was lowered to 200 m depth by paying out 300 m of wire over a 6 minute period (33 m of depth/min.). After fishing at depth for 30 seconds, the net was retrieved at 20 m/min. (14 m depth/min.). The angle of stray of the towing cable was recorded every 30 seconds and maintained at 45° (±3°) by adjusting the ship speed and course. After reaching the surface, the net was washed down and the samples preserved in 5% formalin buffered with sodium borate. Flowmeter readings were made at the beginning and end of each tow. Detailed descriptions of gear and methods are given by Kramer et al. (1972), and Smith and Richardson (1977).

LABORATORY PROCEDURES

Laboratory processing began with the determination of a displacement volume for each sample (methods described in Staff, SPFI, 1953 and Kramer et al., 1972). Zooplankton volumes (including ichthyoplankton) of samples collected in 1969 are presented graphically in Smith (1974).

Sorting involved the removal of ichthyoplankton from the sample and identification and separation of: eggs and larvae of Pacific sardine and northern anchovy; larvae of Pacific hake; and eggs of Pacific saury. Each sample was sorted completely; no samples were fractioned in 1969.

A "standard haul factor" (SHF) was calculated for each tow to make them comparable and allow estimations of areal abundance. This factor adjusts the number of eggs or larvae in a haul to the number in 10 m^3 of water strained per meter of depth fished. If the vertical distribution of the species has been encompassed, then the adjusted value is equivalent to the number under 10 m^2 of sea surface. The SHF is calculated for each haul by the formula:

$$SHF = \frac{10\ D}{V}$$

where D = depth of haul = cosine of the average angle of stray of the towing cable multiplied by cable length (m)

V = total volume of water (m^3) strained during the haul

$V = R \cdot a \cdot p$

where R = total number of revolutions of the current meter during the haul

a = area (m^2) of the mouth of the net

p = length of column of water (m) needed to produce one revolution of the current meter.

Tow depth, volume of water strained, and standard haul factor are listed in Table 1 for each tow taken during 1969. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

IDENTIFICATION

Identification of ichthyoplankton species beyond those separated during the sorting process was carried out by a separate group of specialists. Ontogenetic stages of fishes are inherently difficult to identify and this is further complicated by the large number and diversity of species which contribute to the ichthyoplankton of the California Current region. Most identifications were accomplished by establishing ontogenetic series on the basis of morphology, meristics, and pigmentation and then identifying these series by relating them to known metamorphic, juvenile, or adult stages with overlapping features (Powles and Markle, 1984). A total of 151 taxa was identified for 1969, with 87 taken to species, 29 to genus, 29 to family, and 6 to order or suborder. Beginning in 1961, larvae in the families Paralepididae and Labridae were identified to genus or species. In 1969, larvae of the mirapinnatoid family Eutaeniophoridae and two species of myctophids, *Parvilux ingens* and *Protomyctophum thompsoni*, were identified for the first time.

The task of producing a reliable and equitable ichthyoplankton data base required extensive procedures to verify, correct, and edit the original identifications. The primary data source was the original identification sheets (see Kramer et al., 1972, for examples); however, a critical resource used in all phases of this process was the CalCOFI ichthyoplankton collection in which the samples are archived. Throughout the course of CalCOFI ichthyoplankton studies, samples have been identified to the lowest taxon possible. In reviewing these identifications for the data base, our approach has been conservative and we have preserved those identifications and counts which we could confirm, while correcting as many of the errors as possible. After computer entry, taxonomic errors and inconsistencies in the data base were corrected and the most

obvious identification errors were corrected. Our current knowledge of ichthyoplankton techniques coupled with a precise understanding of the development of identification competency in the program over the years allowed us to critically judge the historical records. Identifications were changed to different taxa, lumped to a higher taxonomic category, or given a more precise taxonomic name. In some cases, identifications of a taxon were inconsistent among cruises in a year. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretation.

Next, statistical, seasonal, and geographic outliers were identified, employing a series of graphic summaries and listings. Examination of geographic outliers proved to be especially effective because of our accumulated knowledge of species distributions. In the course of examining samples for these outliers, other identification errors were discovered and eventually all taxa were scrutinized to some extent. Lastly, certain taxa were reexamined in all samples for the entire CalCOFI time series. These taxa were selected because of their commercial, ecological, phylogenetic, or zoogeographic importance or because taxonomic confusion was at the ordinal level. The following is a list of the taxa for 1969 which received special attention, with explanations and caveats intended to aid in quantitative interpretations:

Anguilliformes - tentative and sporadic identifications to family or lower taxon lumped to order.

Sardinops sagax - all specimens south of line 120 checked for misidentification of *Opisthonema* spp.

Engraulis mordax - some nearshore samples of small *E. mordax* may contain other anchovy genera which could not be differentiated.

Nansenia spp. - all specimens checked and identified as *N. candida* or *N. crassa*; all specimens of these species near their range boundaries checked.

Bathylagus spp. - includes small and/or disintegrated specimens of *Bathylagus* or *Leuroglossus stilbius*.

Bathylagus milleri - all specimens checked.

Osmeridae - specimen checked.

Stomiiformes - all specimens checked and identified to genus or species; residuals are small, poorly preserved or unavailable specimens.

Vinciguerria lucetia - specimens taken seaward of station 100 checked for misidentification of *V. poweriae*; some *V. poweriae* may remain in these samples because small larvae

of the two species could not be differentiated; sporadic identification of *V. poweriae* began in 1961.

Sternoptychidae - tentative and sporadic identifications of hatchetfishes to genus were lumped to family.

Astronesthidae - specimen checked.

Bathophilus spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

Paralepididae - all specimens examined and identified to species; residuals are small, poorly preserved or unavailable specimens.

Scopelarchidae - tentative and sporadic identifications to genus lumped to family.

Lampanyctus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus regalis - underrepresented because of inability to differentiate small larvae (<5 mm) from those of other species of the genus; counts may include other species of the genus because of difficulty in identifying larvae of this large and complex genus.

Lampanyctus ritteri - comment for *L. regalis* applies to this species.

Stenobrachius leucopsarus - all specimens seaward of station 100 checked.

Triphoturus mexicanus - specimens seaward of station 100 checked for misidentification of *T. nigrescens*.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Hygophum spp. - all specimens reidentified to species; residuals are small, poorly preserved or unavailable specimens.

Hygophum atratum - all specimens checked.

Hygophum reinhardtii - all specimens checked.

Physiculus spp. - all specimens checked.

Ophidiiformes - this category did not exist originally and ophidiiform larvae were included in *Brosmophycis marginata*, "*Otophidium*", "Zoarcidae", and "blenny"; identifications of

B. marginata proved to be mostly correct and "Zoarcidae" to be a yet unidentified ophidiiform species; all *"Otophidium"* and "blenny" were reexamined and the former included *Ophidion scrippsae*, *Chilara taylori* and other ophidiiform taxa (moved to order); "blenny" contained *O. scrippsae*, *C. taylori*, and other ophidiiform taxa in addition to true blennioids.

Trachipteridae - tentative and sporadic identifications to genus were lumped to family.

Melamphaes spp. - all identifications ascribed to Melamphaidae were reexamined and assigned to genus (*Melamphaes*, *Poromitra*) or species (*Scopelogadus bispinosus*, *Scopeloberyx robustus*); larvae originally identified as *Melamphaes* spp. were not reexamined and this category may contain other melamphaid genera.

Cottidae - all specimens checked.

Oxylebius pictus - all specimens checked.

Zaniolepis spp. - all specimens checked.

Sebastes spp. - category may contain other scorpaenid genera, particularly in samples south of line 120.

Blennioidei - this is the residual of the completely reexamined "blenny" category, which also contained various misidentified ophidiiforms, and is now restricted to members of northern stichaeioid families and true blennioids (other than *Hypsoblennius* spp.) in the southern part of the pattern).

Labridae - all specimens originally identified to family were reexamined and assigned to genus (*Halichoeres* spp.) or species (*Oxyjulis californica*, *Semicossyphus pulcher*).

Chromis punctipinnis - records south of about line 120 may include other pomacentrid taxa.

Howella brodiei - all specimens checked; some originally identified as Apogonidae; in this report we list *H. brodiei* in the family Apogonidae for convenience, recognizing that its systematic affinities are not resolved.

Carangidae - all specimens checked; tentative and sporadic identifications to genus or species (except *Trachurus symmetricus* and *Seriola lalandi*) were lumped to family.

Seriola lalandi - all specimens checked.

Gerreidae - tentative and sporadic identifications to genus lumped to family.

Haemulidae - tentative and sporadic identifications to genus lumped to family.

Girella nigricans - all specimens checked.

Caulolatilus princeps - all specimens checked.

Sciaenidae - tentative and sporadic identifications to genus lumped to family.

Scombridae - all larvae identified to this family or constituent taxa (except *Scomber japonicus*) were reexamined and reassigned; residuals are small, poorly preserved or unavailable specimens.

Nomeidae - tentative identifications to genus lumped to family.

Pleuronectiformes - all specimens of this category (originally called "flatfish") were examined and reidentified; residuals are small, poorly preserved or unavailable specimens.

Bothidae - all specimens examined and reassigned; most were assigned to various paralichthyid genera.

Citharichthys spp. - all larvae identified to species were lumped to genus except *C. stigmaeus*; category includes larvae of *Etropus* spp.

Citharichthys stigmaeus - includes larvae larger than ca. 4.5 mm; smaller larvae are in *Citharichthys* spp.

Paralichthys spp. - all specimens of this genus were examined and most were assigned to P. californicus or *Xystreurys liolepis*.

Xystreurys liolepis - originally misidentified as *Paralichthys californicus*; all specimens reidentified.

Glyptocephalus zachirus - all specimens examined.

Hypsopsetta guttulata - some specimens were originally identified as *Pleuronichthys* spp.

Microstomus pacificus - all specimens examined.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species; residuals are small, poorly preserved or unavailable specimens.

Psettichthys melanostictus - all specimens examined.

COMPUTER ENTRY AND EDITING

Each taxon on the original identification sheets was given a 3-digit code based on the list of codes in Haight et al. (1979). Taxon codes and counts from these sheets were keypunched by cruise and station, along with pertinent station and tow data and entered into the VAX 11/780 computer at the University of California, San Diego, Computing Center. After entries were completed for an entire year, print-out listings of taxa and counts on each station were compared with the original data sheets to eliminate keypunch errors. Next, data in the file were cross-checked with data on an existing file which contained: station and tow data; numbers of eggs of sardine, anchovy, and saury;numbers of larvae of sardine, anchovy, hake, jack mackerel, and Pacific mackerel; total number of fish eggs; and total number of fish larvae.

Discrepancies in ichthyoplankton data in these two files were corrected by inspecting original records from the sorting laboratory, the original ichthyoplankton identification sheets, and the samples themselves. Station and tow data discrepancies between the two files were corrected by reviewing ships' logs and deck tow sheets, original records from the sorting laboratory, cruise announcements, publications, header information on the ichthyoplankton identification sheets, and station plots generated for each cruise. Eventually all station and tow data were checked by comparing these sources.

The corrected ichthyoplankton data base was then examined statistically and outliers were found and checked as above. Distributional plots were then prepared for each taxon and these were checked by reviewing the data sources mentioned above and by examining archived specimens. A listing of each taxon by station (Table 4) was produced, which became the primary document for subsequent checks. Misidentifications found in geographic outlier checks and other misidentifications and data problems discovered in the course of examining archived samples resulted in several iterations of Table 4. Finally, totals in Table 4 were checked against annual summaries of incidence and abundance (Tables 2 and 3). Ecological analyses of the data were conducted concurrently with editing procedures and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 54% of all fish larvae taken on CalCOFI cruises during 1969 and numbered five times as many as the rockfish genus, *Sebastes* spp., the next most abundant taxon with 10% of the total larvae (Table 2, 3). Northern anchovy also ranked first in incidence; *Sebastes* ranked 3rd. The next most abundant species was the deepsea smelt *Leuroglossus stilbius* with 6.3% of the total, followed by the gonostomatid *Vinciguerria leucetia* with 5.6%; they ranked 7th and 8th respectively in incidence. Pacific hake, *Merluccius*

productus, ranked 5th in abundance (5.4%) and 13th in occurrence. Two myctophids, *Triphoturus mexicanus* and *Stenobrachius leucopsarus* ranked 6th (2.6%) and 7th (2.4%) in number, and 5th and 12th in occurrence. The final 3 taxa in the top 10 collected in 1969 were the croaker family Sciaenidae, with 1.5%, the sanddab genus *Citharichthys* spp., with 1.2%, and jack mackerel, *Trachurus symmetricus*, with 0.9% of total larvae. These 3 taxa ranked 28th, 4th and 21st in incidence. The appearance of croaker larvae in the top 10 may reflect the increased number of stations occupied on the shoreward end of each line where these larvae are most abundant. These 10 taxa contributed 89.4% to the total number of larvae collected in 1969; the remaining 10.6% was distributed among 141 taxa plus the disintegrated and unidentified categories. The top 10 taxa comprised 4 coastal demersal groups, 2 coastal pelagic species, and 4 midwater species.

EXPLANATION OF TABLES

Table 1 - This table lists by cruise the pertinent station and tow data for 1969, the volume of water filtered and standard haul factor for each tow, the percent of sample sorted, and the total numbers of fish eggs and larvae. CalCOFI cruises are designated by four digits; the first two indicate the year and the second two the month. Within each cruise the data are listed in order of increasing line and station number (southerly and seaward directions); the order of station occupancy is shown on the station charts (Figures 2-13). Stations are designated by two groups of digits; the first set indicates the line and decimal fraction and the second set indicates the station on the line. Time is listed as Pacific Standard Time at the start of each tow in 24-hour designation. Methods for determining tow depth, volume of water strained, standard haul factor, and percent sorted were described in the methods section. The values for total fish eggs and larvae represent raw counts (unadjusted for percent sorted or standard haul factor). Ship codes are as follows: JD, *David Starr Jordan*; MF, *Miller Freeman*; AX, *Alexander Agassiz*.

Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1969 in ranked order.

Table 3 - This table lists pooled counts of all larval fish taxa taken during 1969 in ranked order. Numbers are adjusted for percent sorted and standard haul factors.

Table 4 - This table gives numbers of fish larvae for each taxon, listed by station and calendar month in which the tow was taken. Counts are adjusted for percent of sample sorted and standard haul factor. Average values are given for stations occupied more than once during a

month. See Table 1 for station and tow data and Table 6 for listing of stations with multiple occupancies during a month. Multiple occupancies occurred when a station was occupied more than once during a calendar month; in some cases, multiple occupancies resulted from separate cruises. The orders are listed in "phylogenetic" sequence modified from Nelson (1984). Subtaxa within each order are listed alphabetically. Page numbers for each taxon are given in the index at the end of the report.

Table 5 - This table is a summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as in Table 4.

Table 6 - List of stations with multiple occupancies in one month during 1969.

ACKNOWLEDGMENTS

Elaine Sandknop originally identified larvae from CalCOFI cruises of 1969. Ronald Whyte coded each larval fish taxon or type and Rita Ford entered them into the computer. Debby Snow efficiently assisted in all aspects of data editing and retrieval. Cindy Meyer and James Ryan provided programming assistance. Dorothy Roll designed the CalCOFI data acquisition system and provided data processing support. Ken Raymond, Roy Allen, and Henry Orr helped with graphics and production of the report. Lorraine Prescott and Diane Forsythe prepared the manuscript for printing. Paul Smith determined statistical outliers, provided assistance during geographical outlier checks and offered helpful suggestions throughout the project. Izadore Barrett, Director of the Southwest Fisheries Center and Reuben Lasker, Chief, Coastal Fisheries Resources Division, SWFC, provided the support critical to the completion of the project. James Thrailkill planned CalCOFI surveys and supervised cruises, data handling, and plankton sorting from 1949 to 1986 and is largely responsible for the high quality of these operations. Without the vision and direction of Elbert Ahlstrom and Elton Sette and the dedicated efforts of the many people who collected, processed, and analyzed the samples, this data base would not exist.

LITERATURE CITED

Ahlstrom, E. H. 1948. A record of pilchard eggs and larvae collected during surveys made in 1939 to 1941. U.S. Fish Wildl. Serv. SSRF 54, 82 p.

Ahlstrom, E. H., H. G. Moser, and E. M. Sandknop. 1978. Distributional atlas of fish larvae in the California Current region: rockfishes, *Sebastes* spp., 1950 through 1975. CalCOFI Atlas No. 26:xxi + 178 p.

Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1951. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 79, 196 p.

Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1955. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 83, 185 p.

Ambrose, D. A., R. L. Charter, H. G. Moser, and C. R. Santos Methot. 1987c. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1960. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 88, 253 p.

Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1963. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 94, 209 p.

Ambrose, D. A., R. L. Charter, H. G. Moser, and B. S. Earhart. 1988b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1967. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 98, 103 p.

Haight, C. A., H. G. Moser, and P. E. Smith. 1979. Data entry programs: CalCOFI. II. Fish eggs and larvae identification sheet. National Marine Fisheries Service, Southwest Fisheries Center, La Jolla, Admin. Rept. No. LJ-79-25.

Hewitt, R. 1980. Distributional atlas of fish larvae in the California Current region: northern anchovy, *Engraulis mordax* Girard, 1966 through 1979. CalCOFI Atlas No. 28: xi + 101 p.

Kramer, D., M. Kalin, E. G. Stevens, J. R. Thrailkill, and J. R. Zweifel. 1972. Collecting and processing data on fish eggs and larvae in the California Current Region. NOAA Tech. Rep. NMFS Circ. 370, 38 p.

Nelson, J. S. 1984. Fishes of the world. John Wiley and Sons, N.Y., 523 p.

Powles, H. and D. F. Markle. 1984. Identification of larvae, p. 31-33. *In*: Ontogeny and systematics of fishes. H. G. Moser, W. J. Richards, D. M. Cohen, M. P. Fahay, A. W. Kendall, Jr., and S. L. Richardson (eds.). Spec. Publ. No. 1. Amer. Soc. Ichthyol. Herpetol., 760 p.

Sandknop, E. M., R. L. Charter, H. G. Moser, and J. D. Ryan. 1987a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1952. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 80, 207 p.

Sandknop, E. M., R. L. Charter, H. G. Moser, and J. D. Ryan. 1987b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1958. U.S. Dep. Commer. NOAA Tech. Memo., NMFS, SWFC, No. 86, 248 p.

Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1961. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 92, 167 p.

Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1964. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 95, 222 p.

Sandknop, E. M., R. L. Charter, H. G. Moser, C. A. Meyer, and A. E. Hays. 1988c. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1968. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 99, 112 p.

Smith, P. E. 1974. Distribution of zooplankton volumes in the California Current region, 1969. CalCOFI Atlas No. 20:xv-xviii + 118-125.

Smith, P. E. and S. L. Richardson. 1977. Standard techniques for pelagic fish egg and larva surveys. FAO Fish. Tech. Pap. No. 175, 100 p.

Staff, South Pacific Fishery Investigations. 1953. Zooplankton volumes off the Pacific Coast, 1952. U.S. Fish Wildl. Serv. SSRF 100, 41 p.

Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1953. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 81, 186 p.

Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1956. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 84, 189 p.

Stevens, E. G., R. L. Charter, H. G. Moser, and M. S. Busby. 1987c. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1959. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 87, 273 p.

Stevens, E. G., R. L. Charter, H. G. Moser, and L. R. Zins, 1988. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1965. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 96, 220 p.

Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1987a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1954. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 82, 207 p.

Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1987b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1957. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 85, 225 p.

Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1988a. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1962. U.S. Dep. Commer., NOAA Tech. Memo, NMFS, SWFC, No. 93, 179 p.

Sumida, B. Y., R. L. Charter, H. G. Moser, and D. L. Snow. 1988b. Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1966. U.S. Dep. Commer., NOAA Tech. Memo., NMFS, SWFC, No. 97, 287 p.

University of California, Scripps Institution of Oceanography. 1976. Data report: physical and chemical data, CalCOFI Cruises 6901, 6902. SIO Ref. 76-14.

University of California, Scripps Institution of Oceanography. 1977. Data report: physical and chemical data, CalCOFI Cruises 6904, 6905, 6906. SIO Ref. 77-22.

University of California, Scripps Institution of Oceanography. 1979. Data report: physical and chemical data, CalCOFI Cruises 6907, 6908, 6909. SIO Ref. 79-7.

University of California, Scripps Institution of Oceanography. 1980. Data report: physical and chemical data, CalCOFI Cruises 6910, 6912. SIO Ref. 79-29.

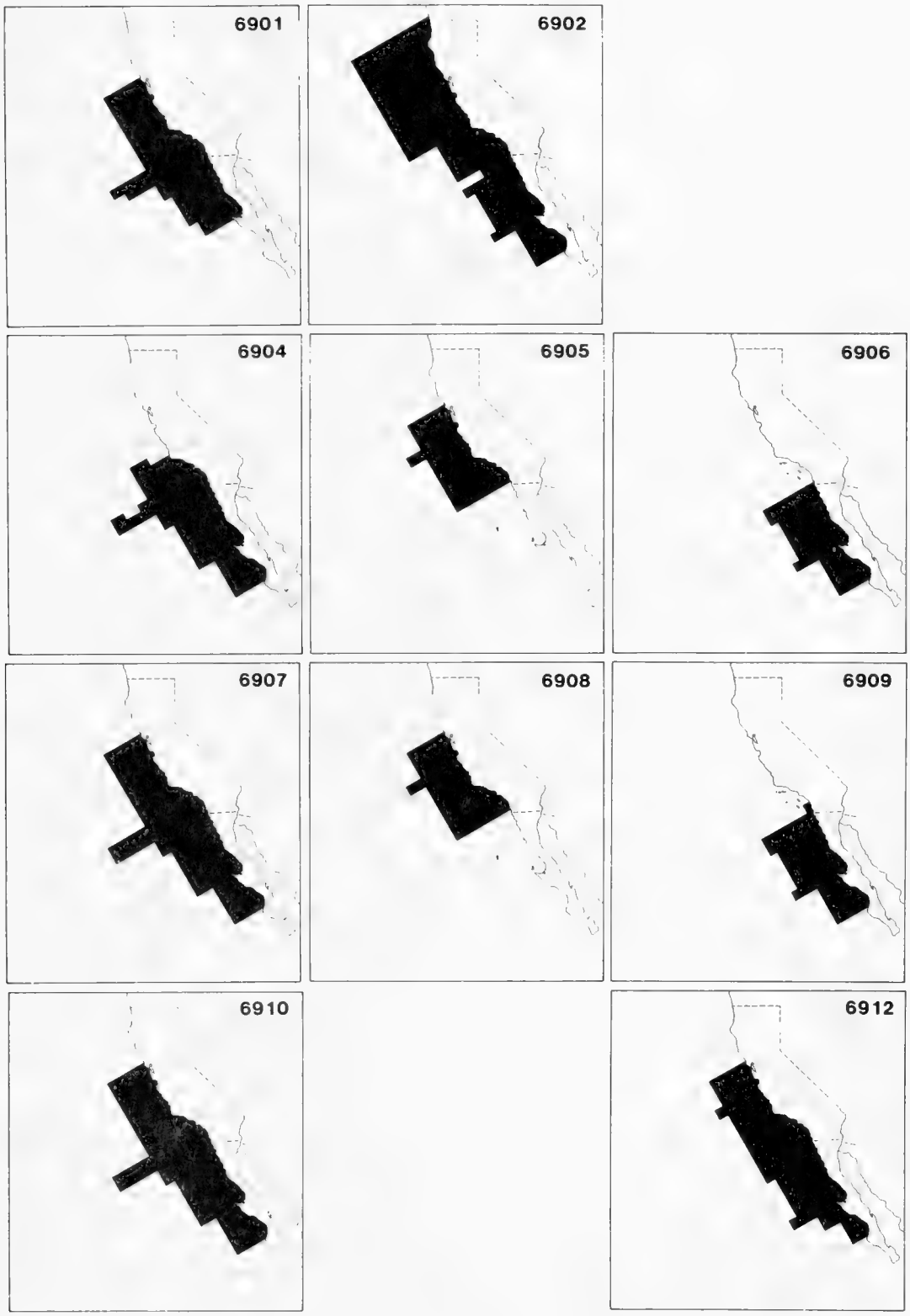


Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1969.

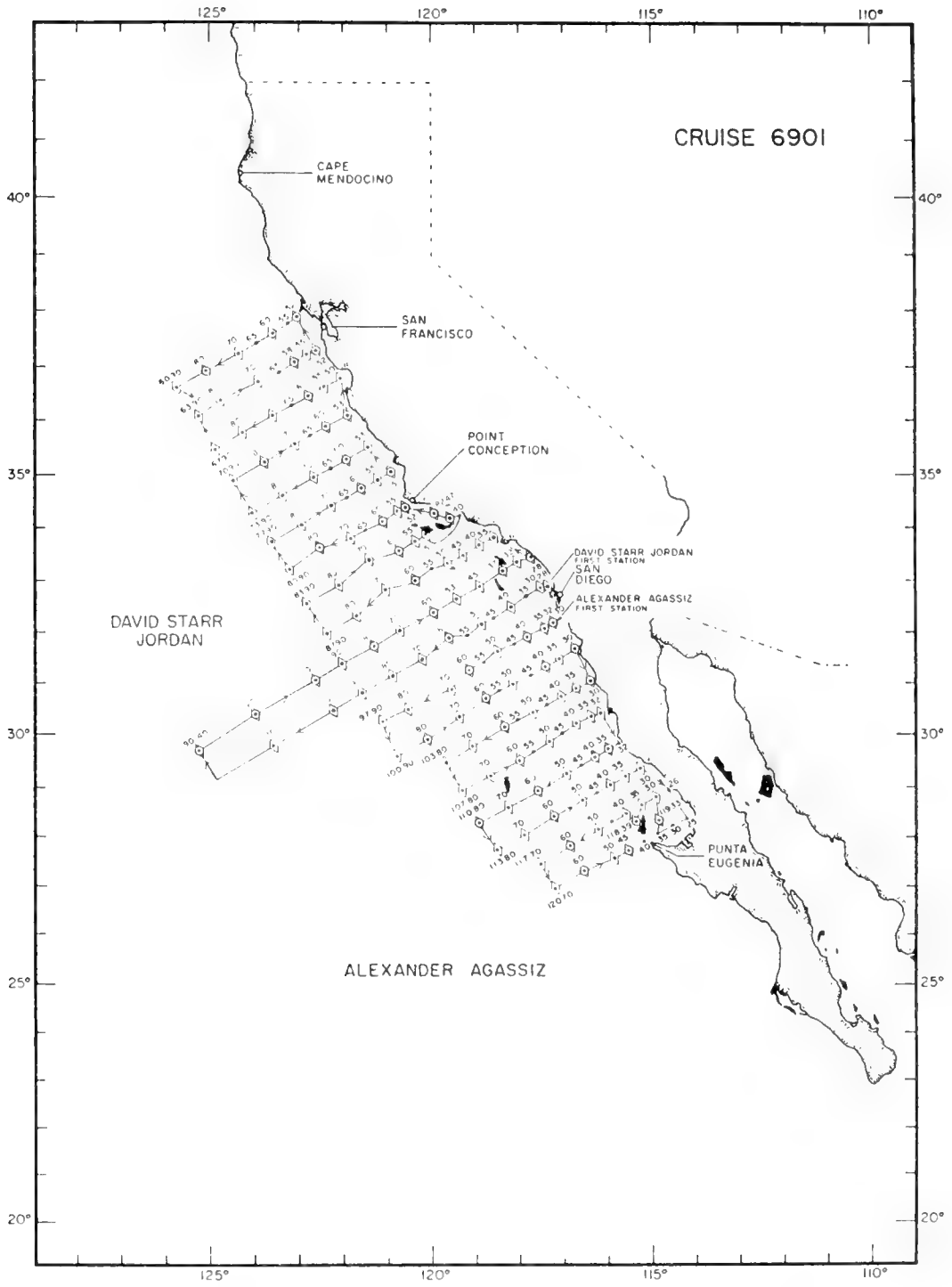


Figure 2. Station pattern for CalCOFI Cruise 6901 showing tracks for each vessel. Stations with plankton tows are indicated by a dot;circles designate hydrographic stations; diamonds signify STD recordings. Figures 2-13 modified from charts in Univ. of Calif., SIO (1976, 1977, 1979, 1980) to include only those stations listed in Table 1 of this report; see Table 1 for nearshore stations not shown on chart.

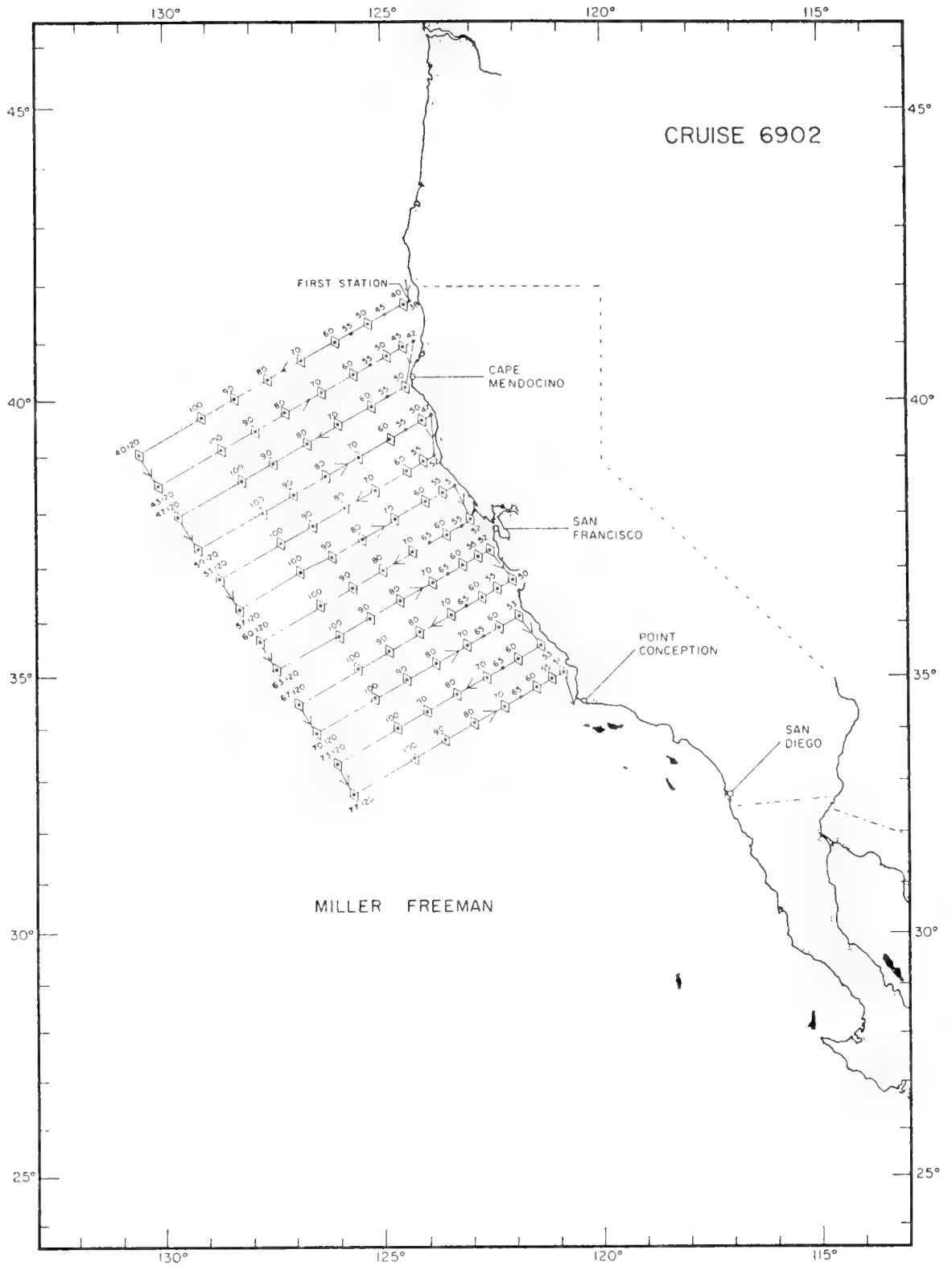


Figure 3. Station pattern for CalCOFI Cruise 6902 - *Miller Freeman*. Symbols as in Figure 2.

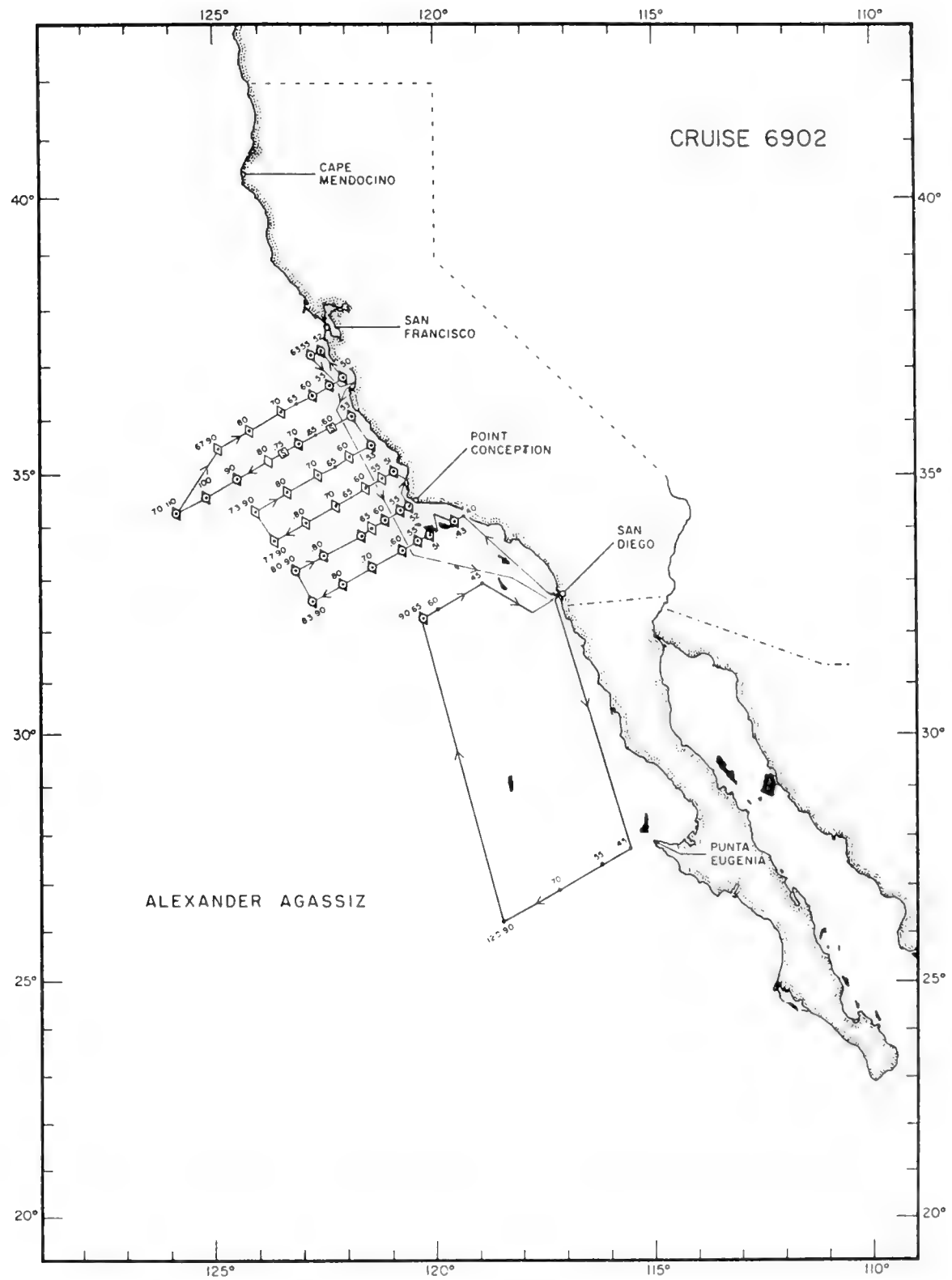


Figure 4. Station pattern for CalCOFI Cruise 6902 - *Alexander Agassiz*. Symbols as in Figure 2.

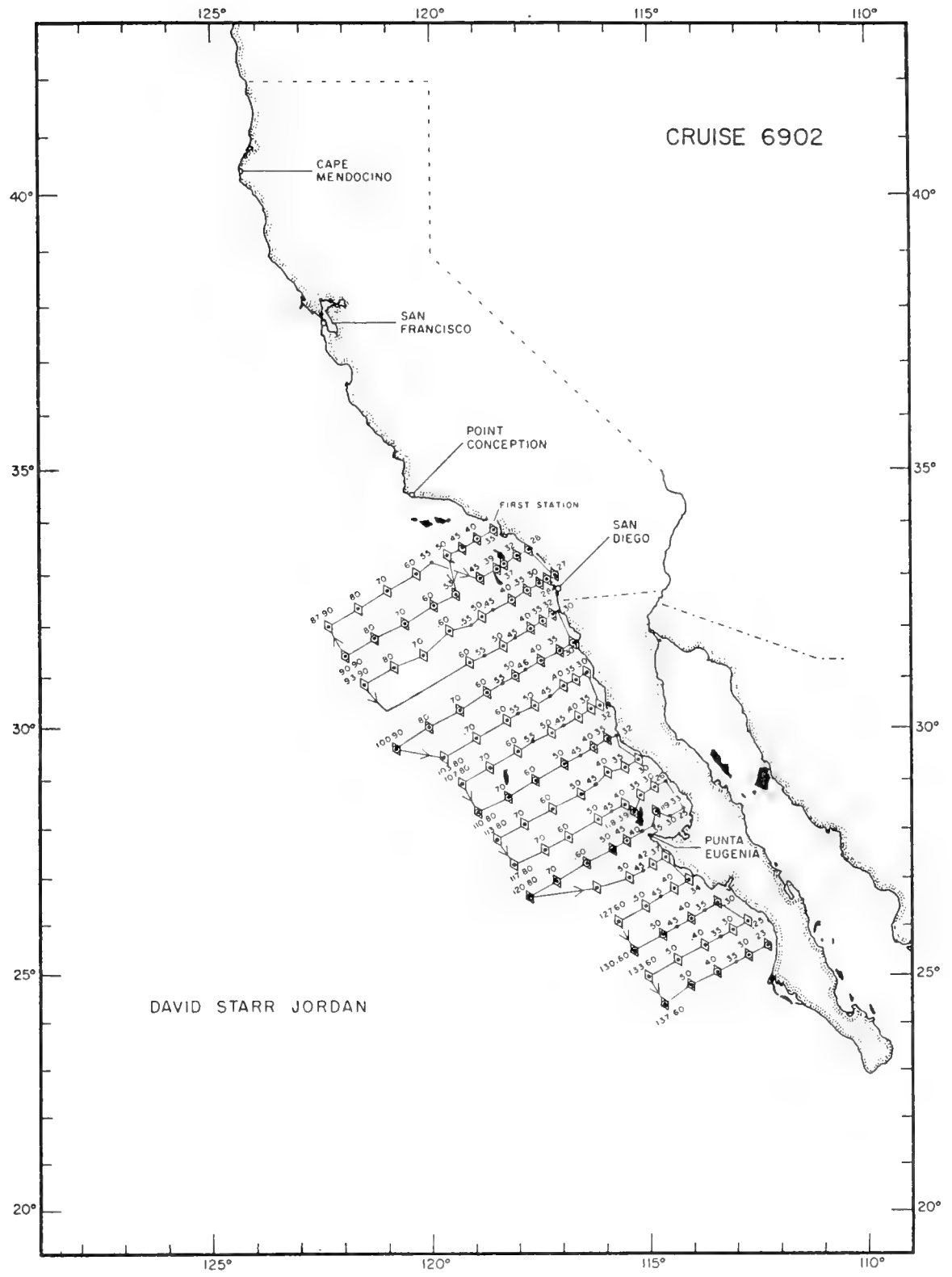


Figure 5. Station pattern for CalCOFI Cruise 6902 - *David Starr Jordan*. Symbols as in Figure 2.

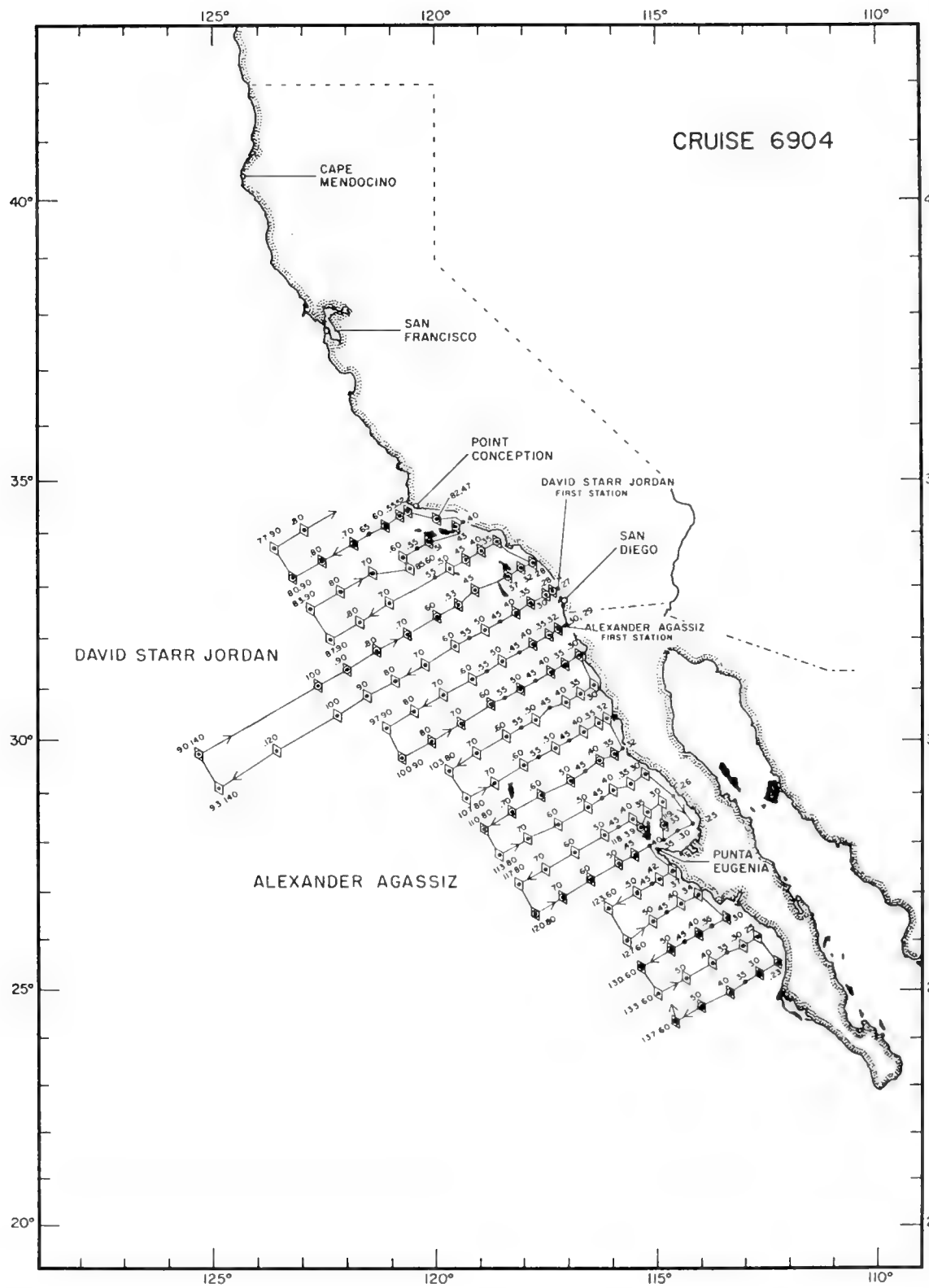


Figure 6. Station pattern for CalCOFI Cruise 6904. Symbols as in Figure 2.

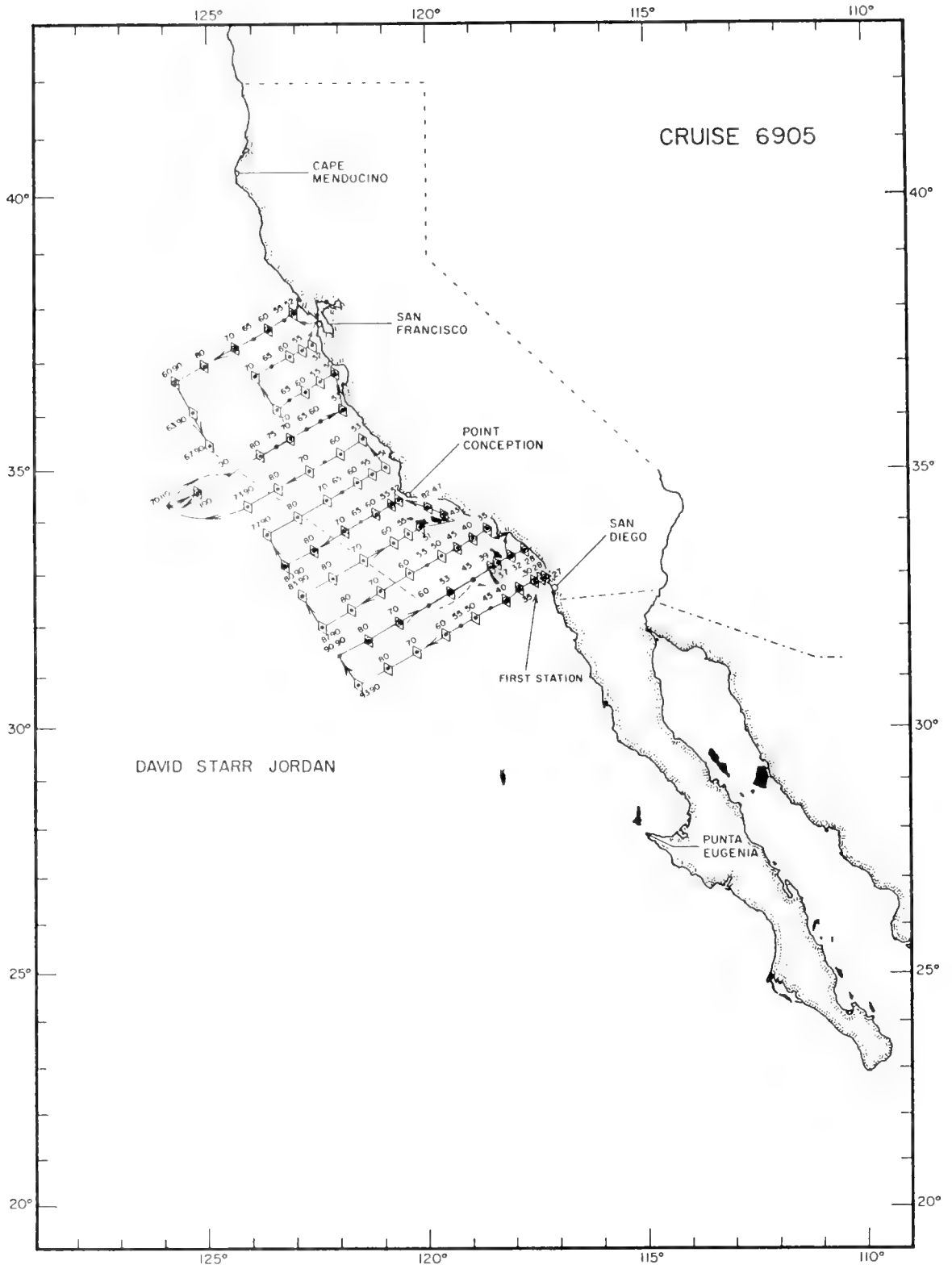


Figure 7. Station pattern for CalCOFI Cruise 6905. Symbols as in Figure 2.

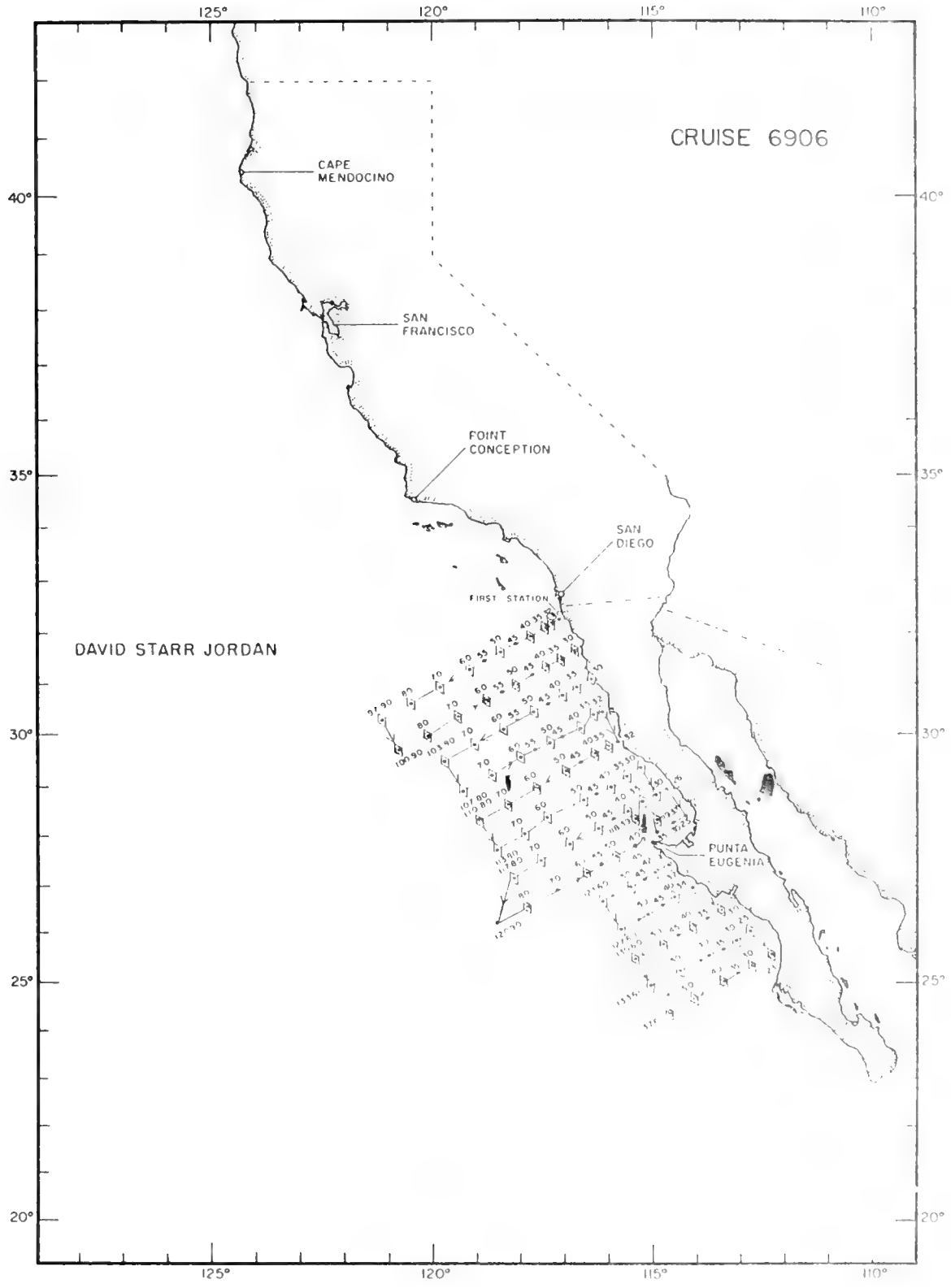


Figure 8. Station pattern for CalCOFI Cruise 6906. Symbols as in Figure 2.

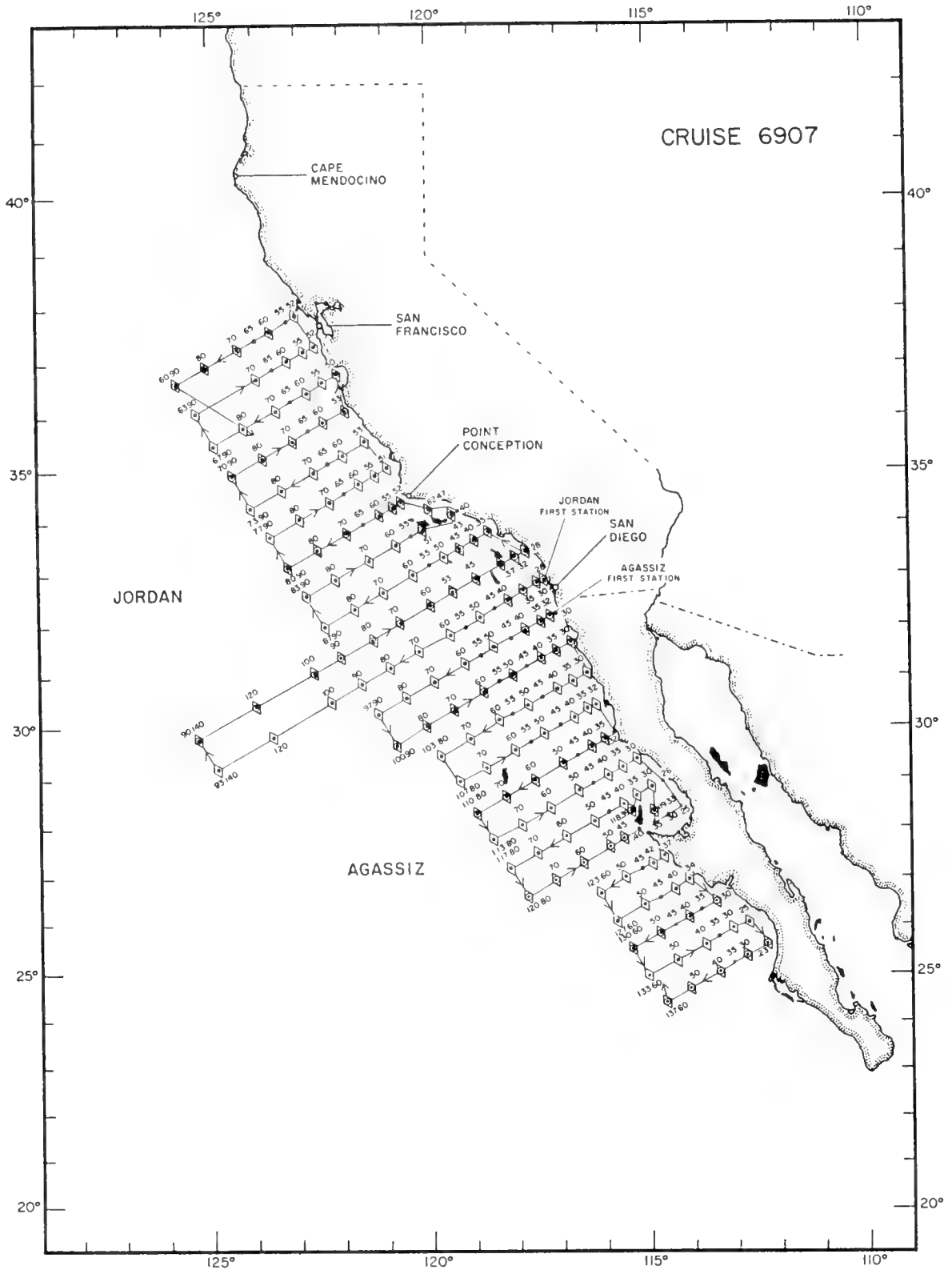


Figure 9. Station pattern for CalCOFI Cruise 6907. Symbols as in Figure 2.

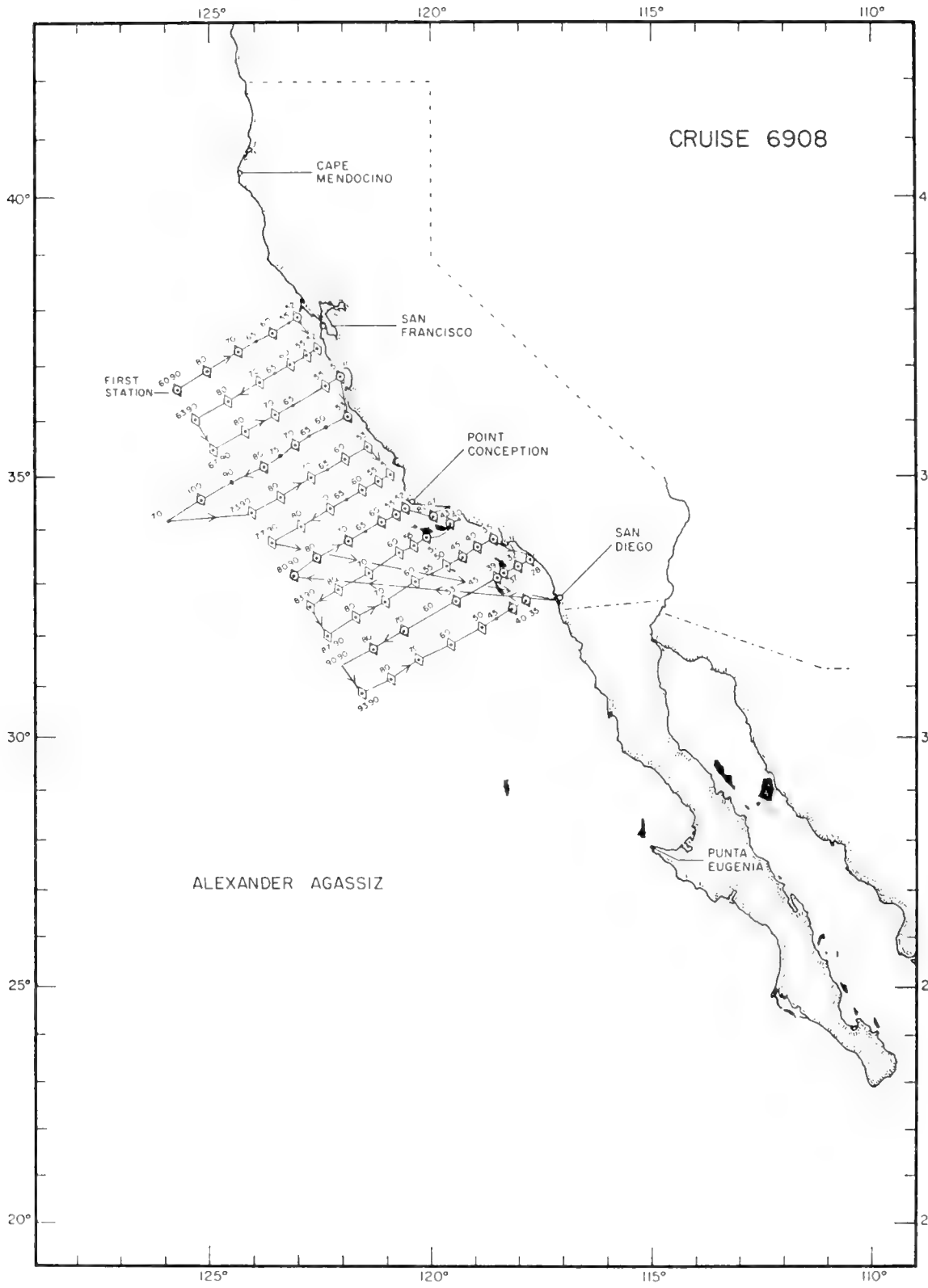


Figure 10. Station pattern for CalCOFI Cruise 6908. Symbols as in Figure 2.

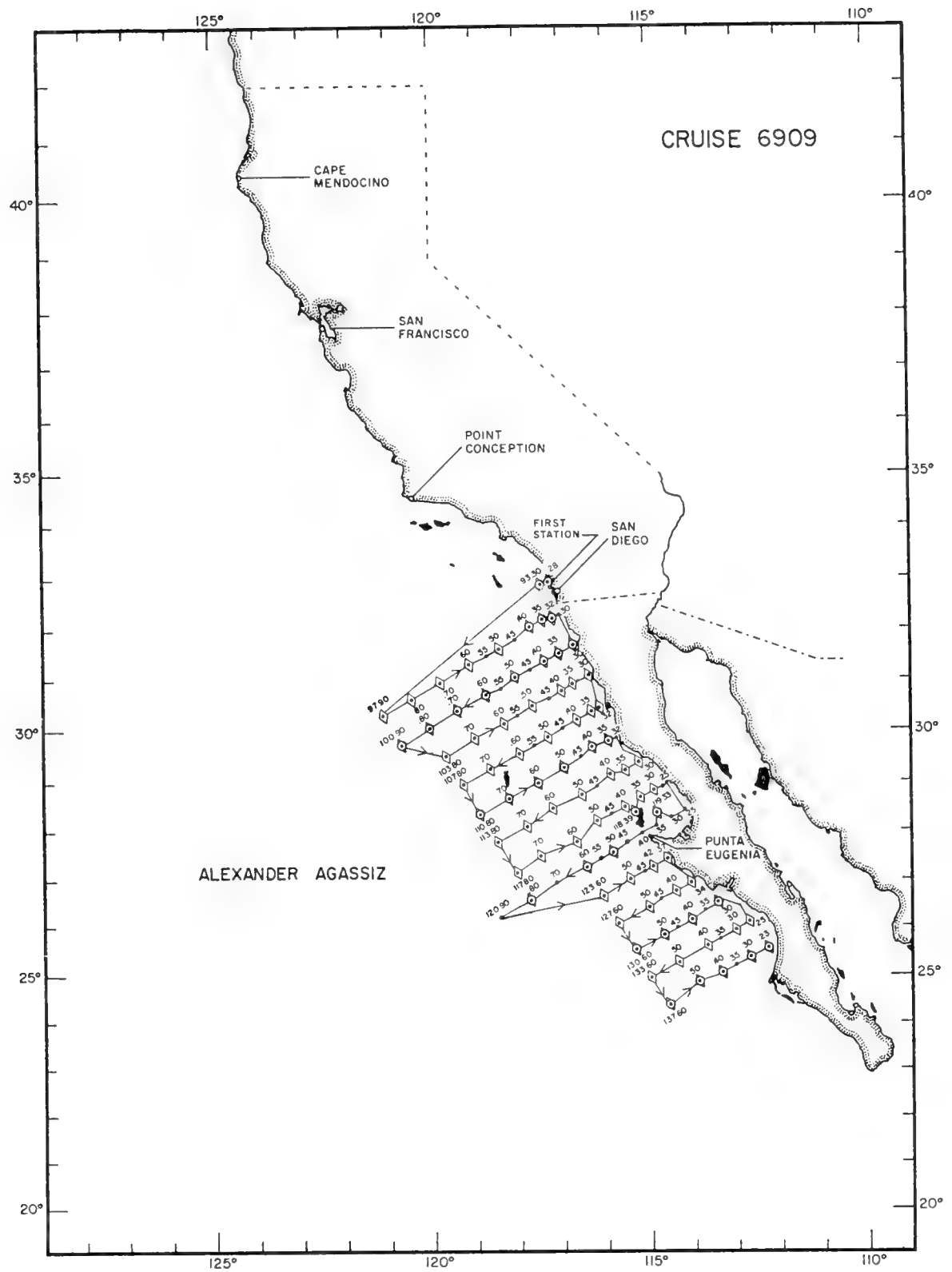


Figure 11. Station pattern for CalCOFI Cruise 6909. Symbols as in Figure 2.

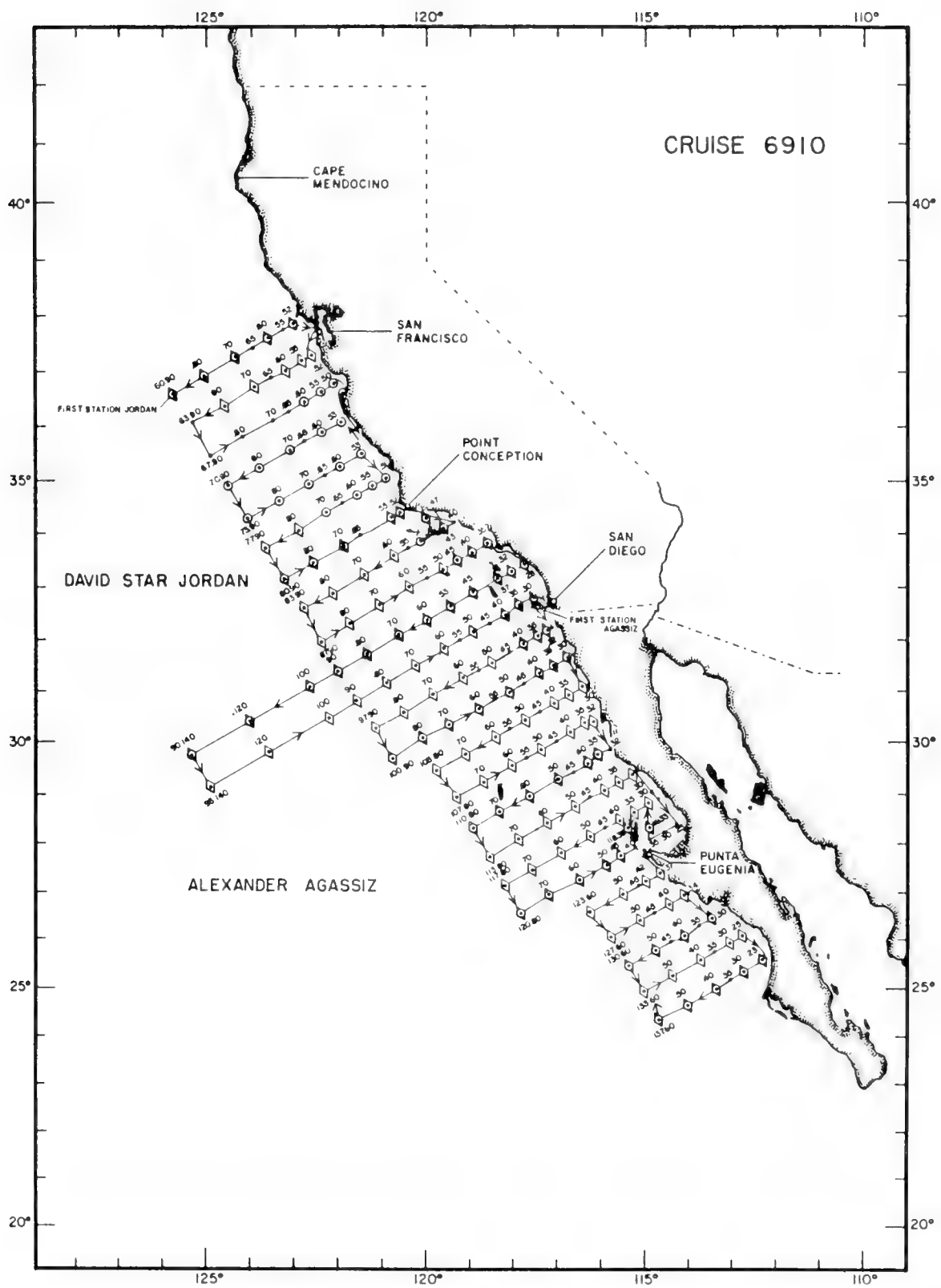


Figure 12. Station pattern for CalCOFI Cruise 6910. Symbols as in Figure 2.

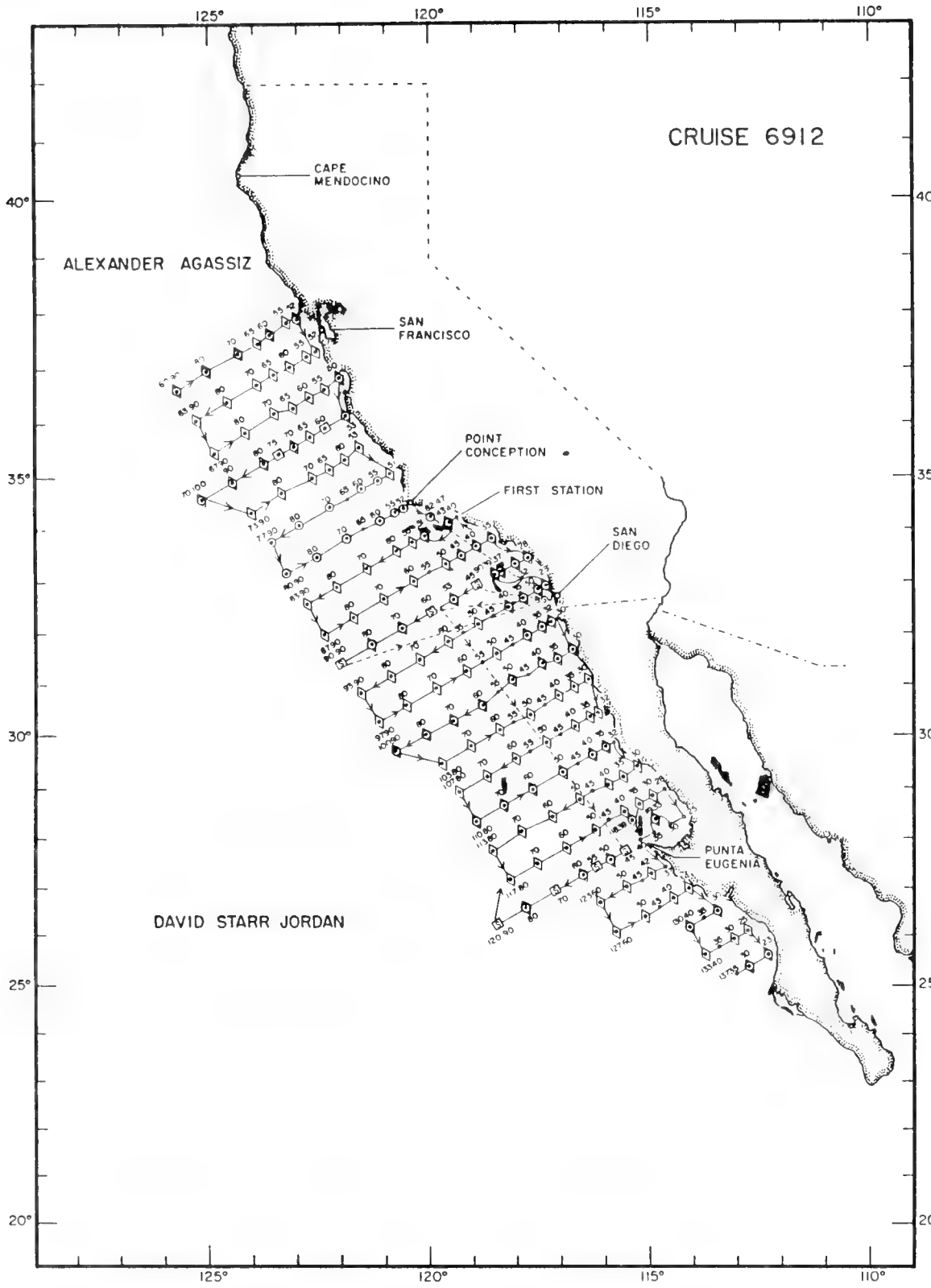


Figure 13. Station pattern for CalCOFI Cruise 6912. Symbols as in Figure 2.

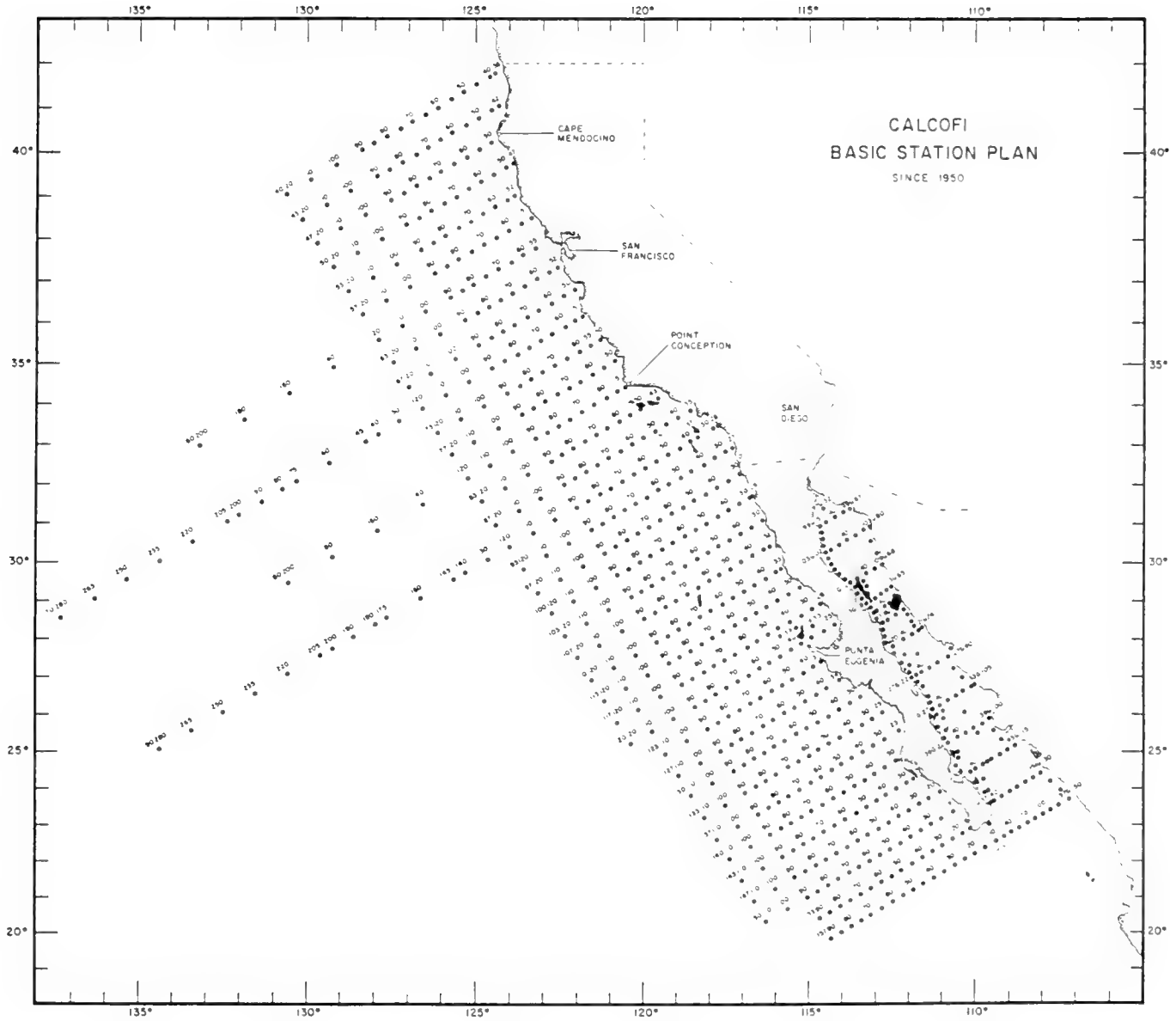


Figure 14. The basic station plan for CalCOFI cruises from 1950 to the present.

TABLE 1. Station and plankton tow data for CalCOFI cruises in 1969. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 6901

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.1	JD	69	01	24	1803	34	132	2.60	100.0	205	302
60.0	52.0	37	54.0	123	01.7	JD	69	01	24	1933	54	196	2.77	100.0	107	1544
60.0	55.0	37	47.0	123	15.0	JD	69	01	24	2125	100	352	2.85	100.0	868	94
60.0	60.0	37	37.0	123	37.0	JD	69	01	25	0100	200	667	3.00	100.0	90	29
60.0	65.0	37	27.0	123	58.5	JD	69	01	25	0320	193	687	2.80	100.0	117	38
60.0	70.0	37	17.0	124	21.0	JD	69	01	25	0552	207	661	3.13	100.0	175	70
60.0	80.0	36	56.5	125	04.0	JD	69	01	25	1125	214	641	3.33	100.0	56	129
60.0	90.0	36	37.0	125	47.0	JD	69	01	25	1558	212	638	3.32	100.0	43	55
63.0	50.0	37	23.3	122	27.8	JD	69	01	24	1435	210	708	1.39	100.0	520	1759
63.0	52.0	37	19.0	122	36.0	JD	69	01	24	1330	77	242	3.18	100.0	400	745
63.0	55.0	37	13.0	122	50.0	JD	69	01	24	1132	208	648	3.18	100.0	342	120
63.0	60.0	37	05.5	123	04.5	JD	69	01	24	0930	210	637	3.29	100.0	159	160
63.0	65.0	36	55.0	123	28.5	JD	69	01	24	0614	199	663	3.00	100.0	52	37
63.0	70.0	36	42.5	123	55.0	JD	69	01	24	0345	209	628	3.32	100.0	113	127
63.0	80.0	36	23.0	124	38.5	JD	69	01	23	2310	213	666	3.19	100.0	21	17
63.0	90.0	36	03.0	125	19.0	JD	69	01	23	1824	210	656	3.20	100.0	43	25
67.0	48.0	36	53.0	121	56.0	JD	69	01	22	0500	32	271	1.17	100.0	232	7350
67.0	50.0	36	48.0	122	05.0	JD	69	01	22	1944	216	684	3.31	100.0	986	198
67.0	55.0	33	39.0	122	26.0	JD	69	01	22	2206	211	673	3.23	100.0	215	197
67.0	60.0	36	28.3	122	47.5	JD	69	01	23	0124	214	654	3.27	100.0	329	288
67.0	65.0	36	18.0	123	09.0	JD	69	01	23	0350	204	685	2.97	100.0	318	392
67.0	70.0	36	05.0	123	36.0	JD	69	01	23	0635	211	646	3.26	100.0	105	30
67.0	80.0	35	48.0	124	17.0	JD	69	01	23	1013	205	684	2.99	100.0	19	17
67.0	90.0	35	28.0	124	53.5	JD	69	01	23	1358	213	641	3.31	100.0	19	19
70.0	51.0	36	11.3	121	43.9	JD	69	01	22	0005	93	267	3.46	100.0	282	76
70.0	53.0	36	06.5	121	54.0	JD	69	01	21	2207	210	659	3.19	100.0	593	423
70.0	60.0	35	53.0	122	22.5	JD	69	01	21	1756	212	641	3.30	100.0	176	288
70.0	65.0	33	43.0	122	45.0	JD	69	01	21	1420	216	615	3.51	100.0	117	100
70.0	70.0	35	33.0	123	06.0	JD	69	01	21	1130	214	647	3.31	100.0	108	259
70.0	80.0	35	13.5	123	47.5	JD	69	01	21	0700	189	727	2.60	100.0	27	24
70.0	90.0	34	53.0	124	30.0	JD	69	01	21	0154	180	752	2.39	100.0	71	35
73.0	50.0	35	37.0	121	17.0	JD	69	01	20	0012	79	244	3.25	100.0	492	117
73.0	53.0	35	31.5	121	28.5	JD	69	01	20	0232	203	677	2.99	100.0	509	1932
73.0	60.0	35	17.5	121	58.0	JD	69	01	20	0640	204	652	3.14	100.0	234	314
73.0	65.0	35	08.0	122	19.0	JD	69	01	20	0910	201	661	3.04	100.0	93	321
73.0	70.0	34	58.0	122	40.0	JD	69	01	20	1150	162	654	2.49	100.0	489	512
73.0	80.0	34	38.0	123	22.0	JD	69	01	20	1650	198	656	3.02	100.0	46	174
73.0	90.0	34	18.5	124	04.0	JD	69	01	20	2115	217	625	3.47	100.0	48	34
77.0	48.0	35	08.0	120	44.0	JD	69	01	19	2010	23	207	1.09	100.0	426	758
77.0	51.0	35	02.0	120	56.5	JD	69	01	19	1830	213	632	3.38	100.0	1237	545
77.0	55.0	34	54.5	121	13.0	JD	69	01	19	0346	210	621	3.38	100.0	635	181
77.0	60.0	34	44.0	121	34.0	JD	69	01	19	1300	214	637	3.36	100.0	63	112
77.0	65.0	34	34.0	121	55.0	JD	69	01	19	0908	204	668	3.06	100.0	68	390

TABLE 1. (cont.)

CalCOFI Cruise 6901

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	70.0	34	24.2	122	16.0	JD	69	01	19	0640	196	723	2.71	100.0	28	81
77.0	80.0	34	04.0	122	57.0	JD	69	01	19	0230	215	632	3.41	100.0	44	40
77.0	90.0	33	43.0	123	39.0	JD	69	01	18	2230	205	688	2.98	100.0	125	60
80.0	51.0	34	26.0	120	32.5	JD	69	01	17	1750	84	282	2.99	100.0	544	167
80.0	52.0	34	24.3	120	36.5	JD	69	01	17	1931	208	659	3.15	100.0	588	745
80.0	55.0	34	19.0	120	48.0	JD	69	01	17	2152	216	631	3.42	100.0	1192	1489
80.0	60.0	34	09.0	121	09.0	JD	69	01	18	0126	213	645	3.29	100.0	44	71
80.0	65.0	33	59.0	121	30.0	JD	69	01	18	0349	210	639	3.29	100.0	25	15
80.0	70.0	33	49.0	121	51.0	JD	69	01	18	0630	214	640	3.34	100.0	14	7
80.0	80.0	33	28.7	122	32.0	JD	69	01	18	1244	206	677	3.05	100.0	11	14
80.0	90.0	33	14.0	123	13.0	JD	69	01	18	1746	218	668	3.26	100.0	36	33
82.0	47.0	34	16.0	119	58.0	JD	69	01	17	1420	211	670	3.15	100.0	636	256
83.0	40.0	34	14.0	119	22.0	JD	69	01	17	0850	14	194	0.73	100.0	991	4814
83.0	43.0	34	11.0	119	34.0	JD	69	01	17	1113	197	613	3.22	100.0	1423	436
83.0	51.0	33	52.0	120	08.5	JD	69	01	17	0409	118	401	2.95	100.0	1406	1451
83.0	55.0	33	45.0	120	22.0	JD	69	01	17	0130	212	651	3.26	100.0	1039	2348
83.0	60.0	33	34.0	120	45.0	JD	69	01	16	2250	211	680	3.11	100.0	959	1157
83.0	70.0	33	14.5	121	26.0	JD	69	01	16	1721	211	660	3.20	100.0	25	7
83.0	80.0	32	54.0	122	08.0	JD	69	01	16	1247	212	677	3.12	100.0	9	13
83.0	90.0	32	34.5	122	50.0	JD	69	01	16	0822	211	663	3.18	100.0	11	25
87.0	33.0	33	54.2	118	29.4	JD	69	01	14	2151	43	150	2.85	100.0	987	856
87.0	35.0	33	50.0	118	37.5	JD	69	01	15	0001	214	623	3.44	100.0	1008	1146
87.0	40.0	33	40.0	118	58.0	JD	69	01	15	0245	212	650	3.25	100.0	2318	2116
87.0	45.0	33	30.0	119	19.0	JD	69	01	15	0525	204	673	3.02	100.0	1676	2204
87.0	50.0	33	20.0	119	39.5	JD	69	01	15	0805	69	234	2.95	100.0	396	83
87.0	55.0	33	14.0	120	00.0	JD	69	01	15	1006	212	645	3.29	100.0	395	4466
87.0	60.0	33	00.0	120	21.5	JD	69	01	15	1417	215	600	3.57	100.0	105	340
87.0	70.0	32	39.5	121	02.0	JD	69	01	15	1855	214	647	3.31	100.0	19	47
87.0	80.0	32	19.5	121	43.0	JD	69	01	15	2310	215	631	3.41	100.0	13	12
87.0	90.0	31	59.0	122	24.0	JD	69	01	16	0320	213	617	3.45	100.0	116	112
90.0	28.0	33	28.5	117	46.7	JD	69	01	12	1156	211	629	3.36	100.0	805	751
90.0	32.0	33	20.5	118	03.0	JD	69	01	12	0841	212	644	3.29	100.0	769	993
90.0	37.0	33	11.0	118	22.5	JD	69	01	12	0555	208	617	3.37	100.0	1988	1105
90.0	45.0	32	54.5	118	55.5	JD	69	01	12	0042	213	636	3.35	100.0	527	3823
90.0	53.0	32	39.0	119	28.5	JD	69	01	11	2025	211	638	3.30	100.0	1738	1089
90.0	60.0	32	25.0	119	27.5	JD	69	01	11	1700	206	666	3.09	100.0	587	352
90.0	70.0	32	02.0	120	43.0	JD	69	01	11	1058	212	654	3.25	100.0	12	11
90.0	80.0	31	44.5	121	19.5	JD	69	01	11	0712	209	638	3.27	100.0	10	22
90.0	90.0	31	24.0	122	01.0	JD	69	01	11	0045	211	662	3.18	100.0	48	18
90.0	100.0	31	05.0	122	39.0	JD	69	01	10	2033	213	674	3.16	100.0	17	8
90.0	120.0	30	25.0	124	00.0	JD	69	01	10	1043	214	661	3.23	100.0	19	18
90.0	140.0	29	41.0	125	17.2	JD	69	01	10	0125	212	652	3.27	100.0	42	24
93.0	27.0	32	56.0	117	19.0	JD	69	01	07	0945	104	360	2.89	100.0	155	48
93.0	28.0	32	54.7	117	21.8	JD	69	01	07	1138	217	650	3.34	100.0	31	42
93.0	30.0	32	50.5	117	31.0	JD	69	01	07	1343	214	658	3.25	100.0	79	622

TABLE 1. (cont.)

CalCOFI Cruise 6901

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	35.0	32	40.5	117	51.5	JD	69	01	07	1645	210	661	3.18	100.0	8	425
93.0	40.0	32	30.0	118	11.5	JD	69	01	07	1935	213	666	3.20	100.0	514	136
93.0	45.0	32	18.0	118	37.0	JD	69	01	07	2232	212	679	3.12	100.0	71	376
93.0	50.0	32	10.0	118	52.5	JD	69	01	08	0122	215	634	3.39	100.0	34	15
93.0	55.0	31	57.5	119	10.5	JD	69	01	08	0406	215	645	3.33	100.0	660	22
93.0	60.0	31	54.0	119	38.0	JD	69	01	08	0840	221	646	3.42	100.0	2	2
93.0	70.0	31	30.0	120	14.0	JD	69	01	08	1323	215	657	3.28	100.0	9	11
93.0	80.0	31	10.0	120	54.0	JD	69	01	08	1816	209	664	3.15	100.0	13	6
93.0	90.0	30	50.0	121	34.5	JD	69	01	08	2301	212	667	3.17	100.0	36	41
93.0	100.0	30	30.0	122	14.5	JD	69	01	09	0314	216	640	3.37	100.0	18	23
93.0	120.0	29	49.0	123	35.0	JD	69	01	09	1147	215	669	3.21	100.0	16	22
94.0	30.0	32	42.7	117	26.8	JD	69	01	07	0700	210	708	2.97	100.0	724	1894
97.0	29.0	37	17.3	117	04.8	AX	69	01	14	1230	31	152	2.04	100.0	182	92
97.0	30.0	32	16.0	117	07.0	AX	69	01	14	1345	57	200	2.82	100.0	59	44
97.0	32.0	32	12.0	117	15.3	AX	69	01	14	1655	204	724	2.81	100.0	162	281
97.0	35.0	32	05.1	117	28.3	AX	69	01	14	2010	194	749	2.59	100.0	17	1
97.0	40.0	31	56.0	117	50.8	AX	69	01	15	0045	210	699	3.00	100.0	20	0
97.0	45.0	31	48.2	118	09.1	AX	69	01	15	0335	209	662	3.16	100.0	23	33
97.0	50.0	31	39.2	118	31.0	AX	69	01	15	0700	208	711	2.92	100.0	5	14
97.0	55.0	31	24.5	118	50.0	AX	69	01	15	1010	209	656	3.18	100.0	2	7
97.0	60.0	31	15.7	119	10.0	AX	69	01	15	1425	209	706	2.96	100.0	3	16
97.0	70.0	30	52.0	119	33.0	AX	69	01	15	2000	208	666	3.12	100.0	23	8
97.0	80.0	30	30.9	120	32.5	AX	69	01	16	0106	201	690	2.92	100.0	14	7
97.0	90.0	30	17.1	121	09.3	AX	69	01	16	0540	213	731	2.91	100.0	19	2
100.0	29.0	31	41.9	116	43.4	AX	69	01	19	0305	68	228	2.97	100.0	203	6
100.0	30.0	31	40.6	116	46.6	AX	69	01	19	0140	202	676	2.99	100.0	146	92
100.0	35.0	31	30.6	117	07.0	AX	69	01	18	2055	197	633	3.11	100.0	5	87
100.0	40.0	31	20.8	117	27.3	AX	69	01	18	0135	200	711	2.82	100.0	160	583
100.0	45.0	31	10.2	117	46.8	AX	69	01	17	2050	179	680	2.63	100.0	38	11
100.0	50.0	31	00.0	118	10.0	AX	69	01	17	1705	217	621	3.49	100.0	5	12
100.0	55.0	30	51.9	118	29.2	AX	69	01	17	1315	201	695	2.89	100.0	3	6
100.0	60.0	30	44.2	118	47.8	AX	69	01	17	1001	214	613	3.49	100.0	3	4
100.0	70.0	30	21.8	119	24.2	AX	69	01	17	0220	202	741	2.73	100.0	19	13
100.0	80.0	29	55.9	120	07.7	AX	69	01	16	1950	207	695	2.97	100.0	24	10
100.0	90.0	29	36.1	120	48.6	AX	69	01	16	1215	203	684	2.97	100.0	7	25
103.0	29.0	31	06.7	116	22.2	AX	69	01	19	0820	30	145	2.06	100.0	12	0
103.0	30.0	31	06.1	116	24.5	AX	69	01	19	0940	39	126	3.09	100.0	33	0
103.0	35.0	30	56.3	116	44.9	AX	69	01	19	1330	202	678	2.97	100.0	38	298
103.0	40.0	30	46.0	117	04.7	AX	69	01	19	1710	213	64	3.35	100.0	9	51
103.0	45.0	30	37.2	117	25.0	AX	69	01	19	2020	197	708	2.79	100.0	21	30
103.0	50.0	30	28.4	117	44.9	AX	69	01	19	2352	200	675	2.96	100.0	18	9
103.0	55.0	30	19.9	118	05.0	AX	69	01	20	0315	219	591	3.71	100.0	23	20
103.0	60.0	30	11.4	118	24.6	AX	69	01	20	0818	207	616	3.36	100.0	4	6
103.0	70.0	29	48.9	119	04.1	AX	69	01	20	1450	207	683	3.02	100.0	6	8
103.0	80.0	29	29.0	119	40.2	AX	69	01	20	2145	222	665	3.33	100.0	12	9

TABLE 1. (cont.)

CalCOFI Cruise 6901

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	31.0	30	27.8	116	07.0	AX	69	01	22	1233	35	137	2.52	100.0	149	3050
107.0	32.0	30	26.2	116	11.2	AX	69	01	22	1057	209	656	3.19	100.0	59	284
107.0	35.0	30	21.6	116	22.7	AX	69	01	22	0824	203	648	3.14	100.0	12	18
107.0	40.0	30	15.1	116	44.4	AX	69	01	22	0420	211	639	3.30	100.0	51	18
107.0	45.0	30	03.9	117	03.1	AX	69	01	22	0035	214	540	3.96	100.0	96	41
107.0	50.0	29	53.1	117	21.3	AX	69	01	21	2130	210	610	3.44	100.0	84	53
107.0	55.0	29	40.4	117	42.6	AX	69	01	21	1744	205	641	3.19	100.0	16	31
107.0	60.0	29	31.3	118	01.0	AX	69	01	21	1450	218	657	3.32	100.0	7	673
107.0	70.0	29	12.6	118	41.2	AX	69	01	21	0805	228	552	4.12	100.0	34	54
107.0	80.0	28	55.9	119	19.3	AX	69	01	21	0238	223	661	3.37	100.0	11	37
110.0	32.0	29	52.0	115	47.6	AX	69	01	22	1735	17	55	3.07	100.0	49	93
110.0	35.0	29	46.0	116	00.0	AX	69	01	22	2055	221	648	3.42	100.0	151	45
110.0	40.0	29	36.5	116	19.3	AX	69	01	22	0135	207	672	3.08	100.0	181	124
110.0	45.0	29	26.2	116	39.3	AX	69	01	23	0440	204	678	3.00	100.0	53	32
110.0	50.0	29	16.3	116	59.0	AX	69	01	23	0822	210	690	3.04	100.0	18	19
110.0	60.0	28	56.2	117	38.4	AX	69	01	23	1530	203	687	2.95	100.0	11	57
110.0	70.0	28	36.4	118	18.3	AX	69	01	23	2120	198	685	2.89	100.0	180	78
110.0	80.0	28	16.5	118	56.5	AX	69	01	24	0353	208	629	3.30	100.0	30	375
113.0	29.0	29	24.2	115	13.1	AX	69	01	25	1833	15	62	2.36	100.0	2	27
113.0	30.0	29	21.8	115	18.0	AX	69	01	25	1723	53	184	2.90	100.0	3	2
113.0	35.0	29	13.2	115	39.2	AX	69	01	25	1415	205	670	3.06	100.0	24	681
113.0	40.0	29	03.5	115	57.8	AX	69	01	25	1010	209	674	3.10	100.0	11	5
113.0	45.0	28	52.6	116	18.2	AX	69	01	25	0625	194	699	2.78	100.0	28	4
113.0	50.0	28	42.4	116	37.9	AX	69	01	25	0315	211	665	3.17	100.0	30	6
113.0	60.0	28	22.6	117	15.9	AX	69	01	24	2136	193	727	2.65	100.0	54	54
113.0	70.0	28	01.8	117	55.4	AX	69	01	24	1502	207	661	3.14	100.0	16	179
113.0	80.0	27	44.3	118	32.4	AX	69	01	24	0940	208	649	3.20	100.0	27	708
117.0	25.0	28	57.8	114	37.8	AX	69	01	25	2325	41	200	2.03	100.0	54	5
117.0	26.0	28	56.0	114	41.5	AX	69	01	26	0022	69	232	2.96	100.0	31	0
117.0	30.0	28	49.1	114	57.0	AX	69	01	27	0629	85	287	2.96	100.0	15	5
117.0	35.0	28	37.9	115	16.7	AX	69	01	27	0940	177	612	2.90	100.0	28	181
117.0	40.0	28	28.1	115	35.5	AX	69	01	27	1950	210	657	3.20	100.0	700	58
117.0	45.0	28	17.8	115	55.7	AX	69	01	27	2300	212	669	3.17	100.0	14	15
117.0	50.0	28	08.2	116	15.0	AX	69	01	28	0240	206	661	3.12	100.0	79	20
117.0	60.0	27	47.7	116	53.5	AX	69	01	28	0900	203	694	2.93	100.0	15	58
117.0	70.0	27	27.8	117	32.0	AX	69	01	28	1435	208	665	3.13	100.0	31	179
118.0	39.0	28	19.0	115	24.0	AX	69	01	27	1330	206	685	3.01	100.0	30	113
119.0	33.0	28	18.9	114	52.9	AX	69	01	27	0115	92	304	3.04	100.0	12	4
120.0	24.0	28	24.8	114	10.8	AX	69	01	26	0530	20	81	2.47	100.0	21	2185
120.0	25.0	28	22.2	114	14.7	AX	69	01	26	0646	33	179	1.83	100.0	153	274
120.0	30.0	28	12.9	114	34.0	AX	69	01	26	0915	77	309	2.48	100.0	13	16
120.0	35.0	28	02.9	114	53.9	AX	69	01	26	1200	71	231	3.08	100.0	1	10
120.0	40.0	27	56.5	115	14.0	AX	69	01	29	1915	42	157	2.69	100.0	17	51
120.0	45.0	27	42.5	115	33.0	AX	69	01	29	1511	209	663	3.15	100.0	11	37
120.0	50.0	27	32.3	115	52.9	AX	69	01	29	0950	214	652	3.28	100.0	17	32

TABLE 1. (cont.)

CalCOFI Cruise 6901

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	60.0	27	18.8	116	34.2	AX	69	01	29	0240	207	676	3.06	100.0	64	143
120.0	70.0	26	56.5	117	12.9	AX	69	01	28	1918	215	701	3.06	100.0	69	32

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	38.0	41	47.2	124	27.8	MF	69	01	26	0905	84	632	1.72	100.0	376	19
40.0	40.0	41	43.2	124	37.8	MF	69	01	26	1215	164	857	2.14	100.0	37	19
40.0	45.0	41	33.0	125	00.0	MF	69	01	26	1550	198	697	2.88	100.0	55	15
40.0	50.0	41	23.0	125	23.0	MF	69	01	26	2030	196	710	2.76	100.0	188	114
40.0	55.0	41	13.0	125	46.0	MF	69	01	26	2325	168	778	2.16	100.0	126	516
40.0	60.0	41	03.2	126	08.8	MF	69	01	27	0258	188	713	2.64	100.0	90	304
40.0	70.0	40	43.0	126	54.5	MF	69	01	27	0910	185	759	2.43	100.0	41	228
40.0	80.0	40	23.0	127	40.0	MF	69	01	27	1345	192	773	2.48	100.0	38	36
40.0	90.0	40	03.0	128	25.0	MF	69	01	27	1940	169	829	2.03	100.0	49	130
40.0	100.0	39	43.0	129	10.0	MF	69	01	28	0130	209	720	2.90	100.0	44	53
40.0	120.0	39	03.0	130	39.0	MF	69	01	28	1245	163	800	2.03	100.0	1	5
43.0	42.0	41	04.2	124	20.0	MF	69	01	30	0735	151	453	3.33	100.0	38	19
43.0	45.0	40	58.0	124	34.5	MF	69	01	30	0530	212	742	2.85	100.0	241	36
43.0	50.0	40	48.2	124	57.0	MF	69	01	30	0215	204	743	2.74	100.0	124	143
43.0	55.0	40	38.0	125	20.0	MF	69	01	29	2335	203	668	3.04	100.0	55	137
43.0	60.0	40	28.0	125	43.0	MF	69	01	29	2120	193	627	3.08	100.0	64	140
43.0	70.0	40	07.0	126	28.0	MF	69	01	29	1700	214	602	3.55	100.0	8	1
43.0	80.0	39	48.0	127	13.0	MF	69	01	29	1245	183	687	2.66	100.0	12	10
43.0	90.0	39	28.0	127	58.0	MF	69	01	29	0840	185	740	2.51	100.0	50	45
43.0	100.0	39	08.0	128	43.0	MF	69	01	29	0335	203	653	3.11	100.0	60	29
43.0	120.0	38	29.0	130	12.0	MF	69	01	28	1805	157	768	2.05	100.0	2	2
47.0	50.0	40	14.0	124	33.0	MF	69	01	30	1210	209	624	3.35	100.0	422	79
47.0	55.0	40	04.0	124	55.0	MF	69	01	30	1425	219	609	3.59	100.0	21	180
47.0	60.0	39	55.0	125	18.0	MF	69	01	30	1715	205	769	2.66	100.0	47	24
47.0	70.0	39	35.0	126	02.0	MF	69	01	30	2130	209	642	3.26	100.0	132	23
47.0	80.0	39	15.0	126	47.0	MF	69	01	31	0135	211	649	3.24	100.0	54	27
47.0	90.0	38	55.0	127	31.0	MF	69	01	31	0550	214	613	3.48	100.0	39	50
47.0	100.0	38	35.0	128	17.0	MF	69	01	31	1015	204	663	3.07	100.0	48	48
47.0	120.0	37	55.5	129	44.5	MF	69	01	31	1705	208	661	3.15	100.0	4	4
50.0	47.0	39	46.0	123	54.0	MF	69	02	02	0425	78	305	2.56	100.0	123	11
50.0	50.0	39	40.0	124	08.0	MF	69	02	02	0235	210	730	2.88	100.0	101	96
50.0	55.0	39	30.0	124	30.0	MF	69	02	01	2315	205	662	3.09	100.0	79	83
50.0	60.0	39	20.0	124	52.0	MF	69	02	01	2100	186	829	2.24	100.0	205	69
50.0	70.0	39	00.0	125	36.5	MF	69	02	01	1650	214	666	3.20	100.0	13	17
50.0	80.0	38	40.0	126	21.0	MF	69	02	01	1235	217	667	3.25	100.0	18	18
50.0	90.0	38	20.0	127	04.0	MF	69	02	01	0825	222	599	3.70	100.0	13	35
50.0	100.0	38	00.1	127	49.0	MF	69	02	01	0355	225	676	3.33	100.0	46	19
50.0	120.0	37	20.0	129	16.5	MF	69	01	31	2055	219	621	3.52	100.0	23	7
53.0	52.0	39	02.0	123	52.0	MF	69	02	02	0825	109	373	2.91	100.0	150	9
53.0	55.0	38	56.0	124	05.0	MF	69	02	02	1025	218	737	2.95	100.0	266	26
53.0	60.0	38	46.0	124	27.0	MF	69	02	02	1255	210	714	2.93	100.0	110	56
53.0	70.0	38	26.0	125	11.0	MF	69	02	02	1725	214	707	3.03	100.0	58	32
53.0	80.0	38	06.0	125	55.0	MF	69	02	02	2130	209	673	3.10	100.0	76	27
53.0	90.0	37	46.0	126	39.0	MF	69	02	03	0135	208	678	3.07	100.0	41	31
53.0	100.0	37	26.0	127	22.0	MF	69	02	03	0605	218	677	3.22	100.0	27	4

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
53.0	120.0	36	47.0	128	48.5	MF	69	02	03	1305	207	667	3.10	100.0	0	1
57.0	51.0	38	30.0	123	22.0	MF	69	02	04	2130	88	276	3.19	100.0	173	22
57.0	55.0	38	22.0	123	39.5	MF	69	02	04	1930	206	651	3.17	100.0	277	61
57.0	60.0	38	12.0	124	02.0	MF	69	02	04	1625	203	696	2.92	100.0	971	205
57.0	70.0	37	52.1	124	46.0	MF	69	02	04	1230	200	696	2.86	100.0	30	24
57.0	80.0	37	32.0	126	29.5	MF	69	02	04	0840	204	728	2.80	100.0	38	36
57.0	90.0	37	12.0	126	13.0	MF	69	02	04	0405	211	722	2.93	100.0	42	12
57.0	100.0	36	52.0	126	56.0	MF	69	02	04	0000	211	681	3.10	100.0	20	9
57.0	120.0	36	12.5	128	21.0	MF	69	02	03	1650	206	688	2.98	100.0	1	9
60.0	50.0	37	57.5	122	53.1	MF	69	02	05	0120	30	133	2.26	100.0	46	184
60.0	52.0	37	54.0	123	01.7	MF	69	02	05	0245	64	214	3.00	100.0	560	636
60.0	55.0	37	47.0	123	15.0	MF	69	02	05	0435	86	345	2.50	100.0	3345	472
60.0	60.0	37	37.0	123	37.0	MF	69	02	05	0720	200	682	2.93	100.0	289	162
60.0	65.0	37	27.0	123	58.5	MF	69	02	05	0925	197	720	2.73	100.0	44	20
60.0	70.0	37	17.0	124	21.0	MF	69	02	05	1205	163	822	1.98	100.0	15	81
60.0	80.0	36	56.5	125	04.0	MF	69	02	05	1955	202	636	3.17	100.0	65	25
60.0	90.0	36	37.0	125	47.0	MF	69	02	06	0930	160	859	1.86	100.0	2	3
60.0	100.0	36	17.0	126	30.0	MF	69	02	06	1505	202	621	3.24	100.0	2	2
60.0	120.0	35	37.0	127	54.0	MF	69	02	06	2245	205	692	2.96	100.0	9	10
63.0	50.0	37	23.3	122	27.8	MF	69	02	08	0815	15	93	1.59	100.0	1199	1183
63.0	50.0	37	23.4	122	28.2	AX	69	02	27	0605	28	92	3.07	100.0	143	374
63.0	52.0	37	19.0	122	36.0	MF	69	02	08	0650	73	225	3.26	100.0	381	5326
63.0	52.0	37	18.5	122	36.4	AX	69	02	27	0750	75	275	2.72	100.0	470	10137
63.0	55.0	37	12.6	122	49.5	AX	69	02	27	1040	196	662	2.96	100.0	2614	218
63.0	55.0	37	13.0	122	50.0	MF	69	02	08	0500	205	688	2.98	100.0	1857	62
63.0	60.0	37	03.0	123	12.0	MF	69	02	08	0205	205	693	2.97	100.0	636	123
63.0	65.0	36	53.0	123	33.0	MF	69	02	07	2335	205	685	3.00	100.0	273	60
63.0	70.0	36	42.5	123	55.0	MF	69	02	07	2130	206	696	2.96	100.0	66	8
63.0	80.0	36	23.0	124	38.5	MF	69	02	07	1725	206	680	3.03	100.0	3	6
63.0	90.0	36	03.0	125	20.0	MF	69	02	07	1305	203	665	3.05	100.0	5	16
63.0	100.0	35	43.0	126	03.0	MF	69	02	07	0915	206	651	3.16	100.0	33	45
63.0	120.0	35	05.0	127	30.0	MF	69	02	07	0240	208	652	3.19	100.0	6	8
67.0	48.0	36	53.0	121	56.7	AX	69	02	26	1143	19	122	1.57	100.0	16	59
67.0	48.0	36	52.9	121	56.0	MF	69	02	08	1210	33	111	2.96	100.0	184	1593
67.0	50.0	36	48.1	122	05.0	AX	69	02	26	1020	72	250	2.87	100.0	87	9
67.0	50.0	36	48.0	122	05.0	MF	69	02	08	1330	206	638	3.23	100.0	538	47
67.0	55.0	36	39.0	122	26.0	MF	69	02	08	1555	209	684	3.06	100.0	548	96
67.0	55.0	36	39.0	122	24.8	AX	69	02	26	0715	210	587	3.58	100.0	198	209
67.0	60.0	36	28.2	122	47.2	AX	69	02	26	0336	211	619	3.43	100.0	393	390
67.0	60.0	36	28.0	122	47.0	MF	69	02	08	1905	209	656	3.18	100.0	387	177
67.0	65.0	36	18.0	123	09.0	MF	69	02	08	2115	206	636	3.24	100.0	103	40
67.0	65.0	36	18.8	123	08.8	AX	69	02	25	0005	211	619	3.42	100.0	581	164
67.0	70.0	36	08.8	122	30.1	AX	69	02	25	2128	232	575	4.06	100.0	182	94
67.0	70.0	36	08.0	123	29.5	MF	69	02	08	2355	207	641	3.22	100.0	296	121
67.0	80.0	35	48.0	124	12.0	MF	69	02	09	0355	204	648	3.14	100.0	34	31

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
67.0	80.0	35 48.5	124 12.1	AX	69 02 25	1640	211	618	3.42	100.0	41	40
67.0	90.0	35 28.0	124 55.0	MF	69 02 09	0810	200	627	3.19	100.0	90	19
67.0	90.0	35 28.3	124 55.9	AX	69 02 25	1127	211	627	3.38	100.0	34	64
67.0	100.0	35 08.0	125 37.0	MF	69 02 09	1225	201	692	2.91	100.0	6	8
67.0	120.0	34 27.0	124 00.5	MF	69 02 13	1045	212	616	3.43	100.0	5	12
70.0	51.0	36 12.0	121 46.0	MF	69 02 14	2007	24	222	1.08	100.0	7	3
70.0	51.0	36 11.6	121 45.1	AX	69 02 21	0920	78	239	3.26	100.0	48	37
70.0	53.0	36 06.4	121 53.9	AX	69 02 21	1925	217	608	3.57	100.0	175	245
70.0	53.0	36 06.0	121 54.0	MF	69 02 14	1819	209	642	3.26	100.0	181	374
70.0	60.0	35 53.0	122 23.0	MF	69 02 14	1445	209	613	3.41	100.0	87	208
70.0	60.0	35 53.0	122 22.5	AX	69 02 21	1817	203	627	3.23	100.0	125	375
70.0	65.0	35 43.0	122 43.8	AX	69 02 22	2045	136	772	1.76	100.0	159	1428
70.0	65.0	34 43.0	122 46.0	MF	69 02 14	1150	210	639	3.28	100.0	283	262
70.0	70.0	35 33.2	123 05.2	AX	69 02 22	0040	209	653	3.20	100.0	38	224
70.0	70.0	35 33.0	123 06.0	MF	69 02 14	0933	193	634	3.05	100.0	119	314
70.0	75.0	35 23.0	123 27.0	AX	69 02 23	2020	223	592	3.76	100.0	56	115
70.0	80.0	35 13.5	123 47.5	MF	69 02 14	0545	206	666	3.08	100.0	131	238
70.0	90.0	34 53.5	124 29.0	AX	69 02 24	1210	210	624	3.36	100.0	39	40
70.0	90.0	34 53.0	124 30.0	MF	69 02 14	0150	206	682	3.12	100.0	10	8
70.0	100.0	34 33.0	125 12.0	MF	69 02 13	2156	217	637	3.45	100.0	18	15
70.0	100.0	34 33.5	125 11.2	AX	69 02 24	1747	212	615	3.46	100.0	28	36
70.0	110.0	34 13.5	125 52.1	AX	69 02 25	0135	200	641	3.13	100.0	8	19
70.0	120.0	33 53.0	126 35.5	MF	69 02 13	1445	206	641	3.21	100.0	8	25
73.0	50.0	35 37.0	121 17.0	MF	69 02 15	0045	67	255	2.66	100.0	188	167
73.0	50.0	35 37.1	121 17.1	AX	69 02 21	0440	76	275	2.76	100.0	275	257
73.0	53.0	35 31.6	121 28.5	AX	69 02 21	0255	198	752	2.64	100.0	191	1535
73.0	53.0	35 31.5	121 28.5	MF	69 02 15	0855	201	634	3.17	100.0	187	443
73.0	60.0	35 17.5	121 58.0	MF	69 02 15	1225	206	651	3.16	100.0	11	224
73.0	60.0	35 18.4	121 57.7	AX	69 02 20	2207	200	737	2.71	100.0	98	277
73.0	65.0	35 08.0	122 19.0	AX	69 02 20	1840	204	632	3.23	100.0	111	486
73.0	65.0	35 08.0	122 19.0	MF	69 02 15	1445	204	632	3.22	100.0	28	210
73.0	70.0	34 58.8	122 39.8	AX	69 02 20	1617	218	601	3.62	100.0	19	38
73.0	70.0	34 58.0	122 40.0	MF	69 02 15	1728	203	673	3.02	100.0	11	48
73.0	80.0	34 38.0	123 22.0	MF	69 02 15	2119	210	670	3.31	100.0	93	70
73.0	80.0	34 39.0	123 22.9	AX	69 02 20	0828	244	536	4.56	100.0	16	28
73.0	90.0	34 18.5	124 04.0	MF	69 02 16	0120	199	692	2.87	100.0	52	15
73.0	90.0	34 18.3	124 04.0	AX	69 02 20	0243	193	492	3.92	100.0	67	28
73.0	100.0	33 58.5	124 45.0	MF	69 02 16	0525	208	621	3.35	100.0	10	16
73.0	120.0	33 18.0	126 08.5	MF	69 02 16	1155	206	624	3.30	100.0	5	22
77.0	48.0	35 08.3	120 43.3	AX	69 02 18	1648	22	114	1.91	100.0	97	2045
77.0	48.0	35 08.3	120 43.7	MF	69 02 17	2245	15	115	2.18	100.0	47	563
77.0	51.0	35 02.0	120 56.5	MF	69 02 17	2104	210	609	3.45	100.0	357	578
77.0	51.0	35 02.2	120 56.7	AX	69 02 18	1955	225	593	3.79	100.0	249	417
77.0	55.0	34 54.5	121 13.0	MF	69 02 17	1839	196	650	3.01	100.0	241	12067
77.0	55.0	34 54.5	121 12.8	AX	69 02 18	2252	206	604	3.41	100.0	653	6509

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	60.0	34	44.0	121	34.0	MF	69	02	17	1600	202	650	3.11	100.0	289	1382
77.0	60.0	34	44.7	121	35.0	AX	69	02	19	0210	211	580	3.63	100.0	709	1826
77.0	65.0	34	34.0	121	55.0	MF	69	02	17	1315	205	646	3.16	100.0	38	490
77.0	65.0	34	34.1	121	54.6	AX	69	02	19	0445	226	437	5.17	100.0	97	410
77.0	70.0	34	24.2	122	16.2	AX	69	02	19	0800	195	650	3.00	100.0	33	144
77.0	70.0	34	24.2	122	16.0	MF	69	02	17	1110	209	618	3.38	100.0	11	134
77.0	80.0	34	04.0	122	57.0	MF	69	02	17	0721	199	664	3.00	100.0	18	11
77.0	80.0	34	05.1	122	56.2	AX	69	02	19	1309	212	611	3.47	100.0	13	32
77.0	90.0	33	44.1	123	39.0	MF	69	02	19	1815	191	706	2.71	100.0	32	13
77.0	90.0	33	43.0	123	39.0	MF	69	02	17	0310	210	635	3.31	100.0	29	33
77.0	100.0	33	24.2	124	20.0	MF	69	02	16	2243	210	661	3.17	100.0	53	26
77.0	120.0	32	44.0	125	42.0	MF	69	02	16	1545	209	651	3.21	100.0	15	17
80.0	51.0	34	26.1	120	32.8	AX	69	02	18	0455	81	238	3.41	100.0	1127	213
80.0	52.0	34	24.3	120	36.7	AX	69	02	18	0250	206	591	3.48	100.0	851	455
80.0	55.0	34	18.8	120	48.2	AX	69	02	17	2345	213	556	3.82	100.0	549	1860
80.0	60.0	34	09.3	121	09.2	AX	69	02	17	1950	226	518	4.36	100.0	204	1320
80.0	65.0	33	59.4	121	29.6	AX	69	02	17	1559	207	632	3.28	100.0	77	155
80.0	68.0	33	50.1	121	41.1	AX	69	02	17	1250	203	695	2.93	100.0	26	45
80.0	80.0	33	29.2	122	31.9	AX	69	02	17	0725	232	593	3.91	100.0	12	17
80.0	90.0	33	10.9	123	09.5	AX	69	02	16	2258	204	681	2.99	100.0	21	21
83.0	40.0	34	13.7	119	21.7	AX	69	02	15	0637	22	119	1.89	100.0	1182	5370
83.0	43.0	34	07.5	119	33.5	AX	69	02	15	0945	220	599	3.67	100.0	649	2071
83.0	51.0	33	51.7	120	07.9	AX	69	02	15	1909	131	331	3.97	100.0	603	1566
83.0	55.0	33	44.2	120	24.4	AX	69	02	15	2204	208	632	3.29	100.0	579	4560
83.0	60.0	33	34.2	120	45.2	AX	69	02	16	0107	208	594	3.50	100.0	526	8230
83.0	70.0	33	13.6	121	26.2	AX	69	02	16	0625	208	617	3.37	100.0	64	97
83.0	80.0	32	55.4	120	06.3	AX	69	02	16	1111	199	660	3.02	100.0	34	749
83.0	90.0	32	34.2	120	48.1	AX	69	02	16	1605	203	645	3.14	100.0	184	152
87.0	33.0	33	54.2	118	29.4	JD	69	02	12	1710	41	158	2.60	100.0	1120	2287
87.0	35.0	33	50.0	118	37.5	JD	69	02	12	1945	211	705	2.99	100.0	1889	5268
87.0	40.0	33	40.0	118	58.0	JD	69	02	13	2125	216	627	3.44	100.0	2087	3339
87.0	45.0	33	30.0	119	19.0	JD	69	02	13	0020	210	629	3.34	100.0	1246	2503
87.0	50.0	33	20.0	119	39.5	JD	69	02	14	0307	36	122	2.93	100.0	206	519
87.0	55.0	33	13.0	120	00.0	JD	69	02	16	0530	213	626	3.41	100.0	1234	4331
87.0	60.0	33	00.0	120	21.5	JD	69	02	16	0201	215	628	3.42	100.0	1186	2662
87.0	70.0	32	39.5	121	02.0	JD	69	02	15	2128	209	665	3.15	100.0	889	86426
87.0	80.0	32	20.0	121	43.0	JD	69	02	15	1637	205	665	3.09	100.0	2829	22375
87.0	90.0	31	59.0	122	24.0	JD	69	02	15	1235	214	651	3.29	100.0	119	71
90.0	28.0	33	28.5	117	46.4	JD	69	02	17	0025	211	632	3.34	100.0	6163	2364
90.0	32.0	33	20.5	118	03.0	JD	69	02	16	2126	212	668	3.17	100.0	5415	3001
90.0	37.0	33	11.0	118	22.5	JD	69	02	16	1836	210	647	3.24	100.0	1612	1860
90.0	39.0	33	07.0	118	30.5	JD	69	02	16	1520	213	611	3.48	100.0	3068	2421
90.0	45.0	32	54.5	118	55.5	AX	69	03	11	0845	212	641	3.31	100.0	1617	584
90.0	45.0	32	54.5	118	55.5	JD	69	02	16	1145	211	653	3.23	100.0	1817	7608
90.0	53.0	32	36.5	119	29.3	JD	69	02	14	0900	213	666	3.20	100.0	804	23293

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	60.0	32 25.0	119 57.5	AX	69 03 11	1842	207	599	3.45	100.0	1263	704
90.0	60.0	32 24.6	119 57.0	JD	69 02 14	1418	212	636	3.33	100.0	2028	1588
90.0	65.0	32 16.2	120 17.0	AX	69 03 10	0815	217	603	3.62	100.0	20	57
90.0	70.0	32 02.5	120 38.5	JD	69 02 14	2047	215	647	3.32	100.0	93	88
90.0	80.0	31 44.5	121 19.5	JD	69 02 15	0215	208	694	3.00	100.0	12	16
90.0	90.0	31 24.5	122 00.0	JD	69 02 15	0752	214	660	3.24	100.0	7	45
93.0	27.0	32 56.0	117 19.0	JD	69 02 17	0510	77	283	2.72	100.0	3508	516
93.0	28.0	32 54.7	117 21.8	JD	69 02 17	0625	210	690	3.05	100.0	1053	953
93.0	30.0	32 50.5	117 31.0	JD	69 02 17	0900	218	632	3.45	100.0	3136	1642
93.0	35.0	32 40.5	117 51.5	JD	69 02 17	1503	208	687	3.02	100.0	3015	4286
93.0	40.0	32 30.0	118 11.5	JD	69 02 17	1955	213	669	3.19	100.0	921	646
93.0	45.0	32 18.0	118 37.0	JD	69 02 17	2245	212	683	3.11	100.0	2369	3728
93.0	50.0	32 10.0	118 52.5	JD	69 02 18	0119	210	668	3.14	100.0	1335	3995
93.0	55.0	32 00.0	119 09.0	JD	69 02 18	0330	213	663	3.22	100.0	2454	802
93.0	60.0	31 54.0	119 38.0	JD	69 02 18	0712	213	705	3.02	100.0	341	17
93.0	70.0	31 24.5	120 14.0	JD	69 02 18	1158	203	700	2.90	100.0	967	97
93.0	80.0	31 10.0	120 54.0	JD	69 02 18	1608	211	696	3.03	100.0	1	32
93.0	90.0	30 50.0	121 34.5	JD	69 02 18	2022	219	669	3.27	100.0	21	24
94.0	30.0	32 42.7	117 26.8	AX	69 02 14	0017	209	635	3.29	100.0	741	5746
97.0	29.0	32 17.5	117 04.7	JD	69 02 20	0900	41	159	2.60	100.0	754	621
97.0	30.0	32 16.0	117 07.0	JD	69 02 20	0826	48	192	2.53	100.0	736	1400
97.0	32.0	32 12.0	117 15.2	JD	69 02 20	0710	214	684	3.14	100.0	581	1608
97.0	35.0	32 06.0	117 29.0	JD	69 02 20	0350	211	674	3.13	100.0	177	1238
97.0	40.0	31 57.0	117 47.6	JD	69 02 20	0102	212	668	3.18	100.0	579	1501
97.0	45.0	31 46.5	118 07.5	JD	69 02 19	2155	211	656	3.22	100.0	1084	1903
97.0	50.0	31 36.0	118 24.0	JD	69 02 19	1941	206	662	3.11	100.0	354	147
97.0	55.0	31 25.5	118 49.0	JD	69 02 19	1615	215	684	3.14	100.0	985	1207
97.0	60.0	31 15.5	119 10.0	JD	69 02 19	1345	189	716	2.64	100.0	3877	1996
100.0	29.0	31 42.2	116 43.4	JD	69 02 20	1920	84	411	2.05	100.0	303	442
100.0	30.0	31 40.5	116 46.5	JD	69 02 20	2050	209	659	3.18	100.0	863	402
100.0	35.0	31 30.5	117 07.0	JD	69 02 21	0000	213	681	3.13	100.0	615	914
100.0	40.0	31 19.2	117 31.0	JD	69 02 21	0344	212	656	3.23	100.0	134	39
100.0	45.0	31 07.5	117 53.0	JD	69 02 21	0610	217	657	3.31	100.0	37	137
100.0	50.0	31 01.0	118 07.0	JD	69 02 21	0900	215	644	3.35	100.0	76	29
100.0	55.0	30 52.0	118 23.0	JD	69 02 21	1125	215	643	3.33	100.0	28	83
100.0	60.0	30 39.5	118 46.0	JD	69 02 21	1444	212	658	3.21	100.0	35	201
100.0	70.0	30 20.0	119 22.0	JD	69 02 21	1920	209	644	3.24	100.0	24	110
100.0	80.0	30 00.0	120 07.0	JD	69 02 22	0122	215	612	3.51	100.0	31	62
100.0	90.0	29 35.0	120 50.0	JD	69 02 22	0745	217	598	3.63	100.0	8	57
103.0	29.0	31 07.0	116 21.0	JD	69 02 23	1421	22	66	3.35	100.0	209	1258
103.0	30.0	31 06.0	116 24.5	JD	69 02 23	1347	50	152	3.30	100.0	152	171
103.0	35.0	30 56.0	116 45.0	JD	69 02 23	1123	206	617	3.33	100.0	316	897
103.0	40.0	30 47.0	117 03.5	JD	69 02 23	0850	212	614	3.45	100.0	11	424
103.0	45.0	30 36.0	117 18.5	JD	69 02 23	0625	212	595	3.57	100.0	105	289
103.0	50.0	30 25.5	117 40.0	JD	69 02 23	0355	211	606	3.49	100.0	104	249

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	55.0	30 15.5	118 02.0	JD	69 02 23	0126	221	558	3.96	100.0	0	435
103.0	60.0	30 07.5	118 19.5	JD	69 02 22	2329	219	589	3.72	100.0	34	132
103.0	70.0	29 48.0	119 00.5	JD	69 02 22	1855	210	639	3.29	100.0	46	567
103.0	80.0	29 26.5	119 44.0	JD	69 02 22	1426	214	648	3.30	100.0	99	28
107.0	31.0	30 27.8	116 07.0	JD	69 02 23	1932	34	134	2.57	100.0	500	626
107.0	32.0	30 25.8	116 11.0	JD	69 02 23	2022	217	595	3.65	100.0	1026	1234
107.0	35.0	30 21.5	116 22.5	JD	69 02 23	2225	213	631	3.38	100.0	120	559
107.0	40.0	30 11.5	116 40.5	JD	69 02 24	0052	216	585	3.68	100.0	163	142
107.0	45.0	30 02.0	117 00.0	JD	69 02 24	0319	216	595	3.64	100.0	254	115
107.0	50.0	29 52.3	117 18.0	JD	69 02 24	0555	213	509	4.20	100.0	136	738
107.0	55.0	29 41.0	117 42.0	JD	69 02 24	0846	218	607	3.59	100.0	90	218
107.0	60.0	29 32.0	118 01.5	JD	69 02 24	1117	215	594	3.62	100.0	13	253
107.0	70.0	29 11.0	118 41.0	JD	69 02 24	1600	214	586	3.65	100.0	47	65
107.0	80.0	28 51.5	119 20.0	JD	69 02 24	2024	214	601	3.56	100.0	235	50
110.0	32.0	29 50.2	115 49.6	JD	69 02 26	0145	33	117	2.83	100.0	371	305
110.0	35.0	29 46.0	116 00.0	JD	69 02 25	2355	212	622	3.41	100.0	1496	2790
110.0	40.0	29 36.5	116 19.5	JD	69 02 25	2047	211	630	3.35	100.0	621	2529
110.0	45.0	29 26.0	116 38.5	JD	69 02 25	1725	206	644	3.20	100.0	5	2
110.0	50.0	29 16.5	116 59.0	JD	69 02 25	1505	211	612	3.44	100.0	59	88
110.0	60.0	28 56.5	117 39.0	JD	69 02 25	1040	210	627	3.35	100.0	33	61
110.0	70.0	28 35.5	118 17.0	JD	69 02 25	0546	209	598	3.51	100.0	1	90
110.0	80.0	28 16.5	118 57.5	JD	69 02 25	0100	213	595	3.58	100.0	39	1756
113.0	29.0	29 24.2	115 13.2	JD	69 02 26	0610	20	95	2.15	100.0	159	1133
113.0	30.0	29 22.0	115 18.0	JD	69 02 26	0705	49	172	2.84	100.0	624	805
113.0	35.0	29 11.5	115 38.0	JD	69 02 26	0925	211	617	3.43	100.0	52	22
113.0	40.0	29 05.5	116 00.0	JD	69 02 26	1208	215	561	3.83	100.0	2888	1689
113.0	45.0	28 51.0	116 16.8	JD	69 02 26	1426	214	589	3.63	100.0	207	46
113.0	50.0	28 40.5	116 36.0	JD	69 02 26	1652	215	597	3.60	100.0	984	27
113.0	60.0	28 22.0	117 16.0	JD	69 02 26	2102	218	579	3.76	100.0	60	3
113.0	70.0	28 02.0	117 55.0	JD	69 02 27	0121	210	598	3.52	100.0	51	29
113.0	80.0	27 43.0	118 31.0	JD	69 02 27	0525	209	629	3.32	100.0	12	22
117.0	25.0	28 58.0	114 37.0	JD	69 02 28	1410	35	108	3.27	100.0	37	645
117.0	26.0	28 56.0	114 41.5	JD	69 02 28	1329	64	192	3.36	100.0	6	15
117.0	30.0	28 48.3	114 54.9	JD	69 02 28	1146	92	265	3.47	100.0	125	27
117.0	35.0	28 38.0	115 16.0	JD	69 02 28	0915	201	539	3.73	100.0	193	306
117.0	40.0	28 28.0	115 35.5	JD	69 02 28	0311	217	575	3.79	100.0	1896	271
117.0	45.0	28 18.0	115 56.0	JD	69 02 28	0018	214	597	3.59	100.0	1262	836
117.0	50.0	28 07.5	116 13.6	JD	69 02 27	2205	215	612	3.52	100.0	706	41
117.0	60.0	27 47.5	116 53.0	JD	69 02 27	1737	211	611	3.45	100.0	42	5
117.0	70.0	27 31.0	117 27.0	JD	69 02 27	1350	214	614	3.49	100.0	18	10
117.0	80.0	27 13.6	118 09.0	JD	69 02 27	0935	217	593	3.66	100.0	5	44
118.0	39.0	28 18.5	115 23.7	JD	69 02 28	0630	210	589	3.56	100.0	325	867
119.0	33.0	28 19.0	114 53.0	JD	69 02 28	2300	92	268	3.43	100.0	295	166
120.0	24.0	28 25.0	114 10.7	JD	69 02 28	1741	28	101	2.76	100.0	214	26080
120.0	25.0	28 22.5	114 15.0	JD	69 02 28	1822	40	141	2.84	100.0	1057	1326

TABLE 1. (cont.)

CalCOFI Cruise 6902

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	30.0	28	13.0	114	34.0	JD	69	02	28	2025	85	257	3.31	100.0	80	63
120.0	35.0	28	03.0	114	54.0	JD	69	03	01	0055	78	254	3.06	100.0	116	26
120.0	40.0	27	56.5	115	14.0	JD	69	03	01	0300	34	118	2.91	100.0	114	9
120.0	45.0	27	43.0	115	33.0	AX	69	03	05	2130	218	644	3.38	100.0	821	785
120.0	45.0	27	42.5	115	34.0	JD	69	03	01	0648	213	594	3.58	100.0	230	45
120.0	50.0	27	32.6	115	52.8	JD	69	03	01	1021	216	607	3.56	100.0	12	9
120.0	55.0	27	23.0	116	12.0	AX	69	03	06	1955	201	701	2.88	100.0	439	108
120.0	60.0	27	13.8	116	27.6	JD	69	03	01	1455	215	602	3.57	100.0	6	12
120.0	70.0	26	53.0	117	10.0	JD	69	03	01	2014	213	637	3.34	100.0	4	6
120.0	70.0	26	53.0	117	10.0	AX	69	03	07	2050	207	670	3.09	100.0	23	80
120.0	80.0	26	32.7	117	47.7	JD	69	03	02	0102	194	685	2.82	100.0	9	179
120.0	90.0	26	13.0	118	27.0	AX	69	03	08	2047	192	728	2.63	100.0	88	120
123.0	36.0	27	26.2	114	36.0	JD	69	03	02	2240	41	142	2.88	100.0	86	297
123.0	37.0	27	24.0	114	40.0	JD	69	03	02	2205	63	195	3.23	100.0	169	145
123.0	42.0	27	14.0	114	59.0	JD	69	03	02	1940	212	578	3.67	100.0	428	1887
123.0	45.0	27	07.0	115	12.0	JD	69	03	02	1741	210	614	3.42	100.0	199	57
123.0	50.0	26	57.5	115	29.5	JD	69	03	02	1515	216	613	3.52	100.0	30	18
123.0	60.0	26	44.6	116	15.6	JD	69	03	02	1020	213	611	3.49	100.0	9	88
127.0	33.0	26	57.5	114	02.2	JD	69	03	03	0236	64	223	2.86	100.0	139	5137
127.0	34.0	26	55.0	114	06.5	JD	69	03	03	0329	79	230	3.43	100.0	839	4541
127.0	40.0	26	43.5	114	29.0	JD	69	03	03	0630	214	581	3.69	100.0	340	4751
127.0	45.0	26	33.8	114	48.8	JD	69	03	03	0846	212	609	3.48	100.0	61	350
127.0	50.0	26	23.0	115	08.0	JD	69	03	03	1135	216	608	3.55	100.0	16	58
127.0	60.0	26	03.3	115	46.5	JD	69	03	03	1547	216	613	3.54	100.0	29	13
130.0	28.0	26	33.5	113	21.2	JD	69	03	04	1557	50	153	3.30	100.0	428	2133
130.0	30.0	26	29.0	113	29.0	JD	69	03	04	1440	71	221	3.23	100.0	29	184
130.0	35.0	26	18.0	113	47.7	JD	69	03	04	1134	216	589	3.68	100.0	61	242
130.0	40.0	26	08.0	114	06.7	JD	69	03	04	0834	206	600	3.44	100.0	346	157
130.0	45.0	25	58.5	114	26.5	JD	69	03	04	0453	211	625	3.38	100.0	379	55
130.0	50.0	25	49.0	114	45.0	JD	69	03	04	0218	215	595	3.61	100.0	73	121
130.0	60.0	25	29.0	115	24.5	JD	69	03	03	2105	216	620	3.49	100.0	38	77
133.0	23.0	26	08.5	112	40.2	JD	69	03	04	2000	70	225	3.12	100.0	34	206
133.0	25.0	26	04.5	112	48.0	JD	69	03	04	2117	83	227	3.68	100.0	399	921
133.0	30.0	25	54.5	113	07.5	JD	69	03	04	2340	192	533	3.61	100.0	756	4825
133.0	35.0	25	45.7	113	26.5	JD	69	03	05	0200	219	580	3.77	100.0	182	209
133.0	40.0	25	34.0	113	45.2	JD	69	03	05	0437	209	617	3.40	100.0	56	1077
133.0	50.0	25	18.0	114	23.0	JD	69	03	05	0912	212	628	3.39	100.0	40	66
133.0	60.0	24	54.5	115	02.0	JD	69	03	05	1343	217	607	3.58	100.0	46	278
137.0	22.0	25	36.1	112	14.8	JD	69	03	06	1620	46	172	2.68	100.0	28	460
137.0	23.0	25	34.0	112	19.0	JD	69	03	06	1525	70	219	3.20	100.0	78	589
137.0	30.0	25	21.5	112	45.5	JD	69	03	06	1200	214	541	3.96	100.0	262	114
137.0	35.0	25	11.3	113	02.5	JD	69	03	06	0913	212	640	3.32	100.0	99	244
137.0	40.0	25	01.0	113	29.5	JD	69	03	06	0553	212	624	3.40	100.0	99	526
137.0	50.0	24	42.9	114	05.2	JD	69	03	06	0014	214	636	3.37	100.0	41	24
137.0	60.0	24	20.5	114	40.0	JD	69	03	05	1912	215	653	3.29	100.0	60	264

TABLE 1. (cont.)

CalCOFI Cruise 6904

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	80.0	34	04.0	122	57.0	JD	69	04	14	1120	215	662	3.26	100.0	31	21
77.0	90.0	33	43.0	123	39.0	JD	69	04	14	0650	214	636	3.37	100.0	38	97
80.0	51.0	34	26.0	120	32.5	JD	69	04	13	0135	79	261	3.02	100.0	28	9
80.0	52.0	34	24.3	120	36.5	JD	69	04	13	0310	209	658	3.18	100.0	153	24
80.0	55.0	34	19.0	120	48.0	JD	69	04	13	0550	206	610	3.38	100.0	197	133
80.0	60.0	34	09.0	121	09.0	JD	69	04	13	0900	194	753	2.58	100.0	17	8
80.0	65.0	33	59.0	121	30.0	JD	69	04	13	1129	210	710	2.96	100.0	28	11
80.0	70.0	33	48.5	121	51.0	JD	69	04	13	1440	212	662	3.20	100.0	25	22
80.0	80.0	33	28.7	122	32.0	JD	69	04	13	2000	197	700	2.82	100.0	58	23
80.0	90.0	33	09.0	123	13.0	JD	69	04	14	0103	210	671	3.14	100.0	28	10
82.0	47.0	34	15.0	119	59.0	JD	69	04	12	2130	212	654	3.25	100.0	122	65
83.0	40.0	34	14.0	119	22.0	JD	69	04	12	1555	12	65	1.81	100.0	2	183
83.0	43.0	34	08.0	119	34.0	JD	69	04	12	1425	214	647	3.31	100.0	103	155
83.0	51.0	33	52.0	120	08.5	JD	69	04	12	0930	128	393	3.26	100.0	308	52
83.0	55.0	33	44.0	120	24.5	JD	69	04	12	0712	216	620	3.48	100.0	274	911
83.0	60.0	33	34.0	120	45.0	JD	69	04	12	0502	212	624	3.40	100.0	381	1331
83.0	70.0	33	14.5	121	26.0	JD	69	04	11	2145	215	628	3.42	100.0	28	21
83.0	80.0	32	34.0	122	08.0	JD	69	04	11	1655	215	636	3.38	100.0	21	16
83.0	90.0	32	34.5	122	50.0	JD	69	04	11	1229	215	630	3.42	100.0	37	15
85.0	60.0	33	20.0	120	34.0	JD	69	04	12	0225	216	617	3.51	100.0	171	86
87.0	33.0	33	54.2	118	29.4	JD	69	04	10	0145	34	133	2.60	100.0	153	503
87.0	35.0	33	50.0	118	37.5	JD	69	04	10	0340	211	620	3.41	100.0	677	1405
87.0	40.0	33	40.0	118	58.0	JD	69	04	10	0645	213	599	3.56	100.0	224	896
87.0	45.0	33	30.0	119	19.0	JD	69	04	10	0936	205	656	3.13	100.0	279	774
87.0	50.0	33	20.0	119	39.5	JD	69	04	10	1225	50	156	3.19	100.0	313	31
87.0	55.0	33	10.4	119	59.7	JD	69	04	10	1440	219	589	3.71	100.0	213	909
87.0	70.0	32	39.5	121	02.0	JD	69	04	10	2153	202	686	2.95	100.0	48	15
87.0	80.0	32	19.5	121	43.0	JD	69	04	11	0233	216	618	3.49	100.0	101	15
87.0	90.0	31	59.0	122	24.0	JD	69	04	11	0705	219	614	3.56	100.0	83	29
90.0	28.0	33	28.5	117	46.5	JD	69	04	09	1707	212	599	3.54	100.0	106	206
90.0	32.0	33	20.5	118	03.0	JD	69	04	09	1355	212	628	3.39	100.0	344	7782
90.0	37.0	33	11.0	118	22.5	JD	69	04	09	1100	213	630	3.38	100.0	415	1334
90.0	45.0	32	54.5	118	55.5	JD	69	04	09	0550	206	606	3.40	100.0	341	1242
90.0	53.0	32	38.0	119	29.0	JD	69	04	09	0125	212	617	3.44	100.0	1043	2648
90.0	60.0	32	25.0	119	58.0	JD	69	04	08	2133	209	649	3.23	100.0	1018	517
90.0	70.0	32	05.0	120	37.8	JD	69	04	08	1609	205	645	3.19	100.0	69	413
90.0	80.0	31	44.5	121	19.5	JD	69	04	08	1133	212	666	3.18	100.0	7	36
90.0	90.0	31	24.0	122	00.0	JD	69	04	08	0625	210	671	3.13	100.0	30	110
90.0	100.0	31	05.0	122	39.0	JD	69	04	08	0213	214	642	3.34	100.0	82	87
90.0	140.0	29	45.0	125	20.0	JD	69	04	07	1010	213	661	3.21	100.0	48	74
93.0	27.0	32	56.0	117	19.0	JD	69	04	04	1730	76	258	2.94	100.0	1073	343
93.0	28.0	32	54.7	117	21.8	JD	69	04	04	2028	211	676	3.13	100.0	904	237
93.0	30.0	32	50.5	117	31.0	JD	69	04	04	2300	212	638	3.32	100.0	640	208
93.0	35.0	32	40.5	117	51.5	JD	69	04	05	0142	213	658	3.24	100.0	299	2241
93.0	40.0	32	30.6	118	11.5	JD	69	04	05	0430	206	664	3.10	100.0	111	1041

TABLE 1. (cont.)

CalCOFI Cruise 6904

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	45.0	32 20.0	118 33.0	JD	69 04 05	0700	209	632	3.32	100.0	419	1324
93.0	50.0	32 11.0	118 53.6	JD	69 04 05	0950	207	700	2.95	100.0	1015	5261
93.0	55.0	32 02.1	119 13.3	JD	69 04 05	1224	208	661	3.15	100.0	301	232
93.0	60.0	31 52.5	119 33.0	JD	69 04 05	1526	188	693	2.71	100.0	316	334
93.0	70.0	31 30.0	120 14.0	JD	69 04 05	2010	216	639	3.38	100.0	154	45
93.0	80.0	31 10.0	120 54.5	JD	69 04 06	0045	214	667	3.21	100.0	42	69
93.0	90.0	30 52.0	121 35.0	JD	69 04 06	0556	203	699	2.91	100.0	45	70
93.0	100.0	30 30.0	122 14.0	JD	69 04 06	0942	212	660	3.21	100.0	38	76
93.0	120.0	29 49.0	123 35.0	JD	69 04 06	2040	209	682	3.06	100.0	54	127
93.0	140.0	29 05.0	124 53.0	JD	69 04 07	0434	205	682	3.01	100.0	116	274
97.0	29.0	32 17.6	117 04.7	AX	69 04 02	1230	48	188	2.58	100.0	207	469
97.0	30.0	32 15.8	117 07.0	AX	69 04 02	1400	50	176	2.84	100.0	432	942
97.0	32.0	32 12.0	117 15.5	AX	69 04 02	1623	218	645	3.38	100.0	651	322
97.0	35.0	32 05.4	117 27.5	AX	69 04 02	1925	211	671	3.15	100.0	719	98
97.0	40.0	31 54.7	117 49.0	AX	69 04 02	2356	205	670	3.06	100.0	575	232
97.0	45.0	31 44.9	118 08.0	AX	69 04 03	0237	200	619	3.23	100.0	301	2102
97.0	50.0	31 33.1	118 30.1	AX	69 04 03	0618	185	739	2.50	100.0	145	302
97.0	55.0	31 22.8	118 50.9	AX	69 04 03	0902	205	663	3.10	100.0	217	497
97.0	60.0	31 12.0	119 11.0	AX	69 04 03	1215	205	664	3.08	100.0	36	26
97.0	70.0	30 55.0	119 50.5	AX	69 04 03	1657	202	654	3.09	100.0	43	44
97.0	80.0	30 35.0	120 30.5	AX	69 04 03	2145	209	639	3.27	100.0	161	122
97.0	90.0	30 16.0	121 09.0	AX	69 04 04	0230	201	678	2.97	100.0	77	79
100.0	29.0	31 42.3	116 43.4	AX	69 04 06	0325	99	365	2.70	100.0	274	107
100.0	30.0	31 40.5	116 46.3	AX	69 04 06	0220	204	658	3.11	100.0	697	546
100.0	35.0	31 30.6	117 07.0	AX	69 04 05	2150	200	683	2.93	100.0	199	492
100.0	40.0	31 21.0	117 27.0	AX	69 04 05	1820	207	661	3.13	100.0	545	664
100.0	45.0	31 09.9	118 46.0	AX	69 04 05	1400	199	684	2.91	100.0	54	20
100.0	50.0	31 01.3	118 07.0	AX	69 04 05	1050	208	639	3.25	100.0	27	15
100.0	55.0	30 50.0	118 27.5	AX	69 04 05	0717	194	682	2.85	100.0	31	28
100.0	60.0	30 43.4	118 47.4	AX	69 04 05	0417	208	657	3.16	100.0	34	16
100.0	70.0	30 20.2	119 27.0	AX	69 04 04	2120	212	636	3.33	100.0	88	58
100.0	80.0	30 00.0	120 07.0	AX	69 04 04	1500	207	673	3.08	100.0	31	236
100.0	90.0	29 39.5	120 45.5	AX	69 04 04	0800	211	684	3.08	100.0	88	362
103.0	29.0	31 07.4	116 22.0	AX	69 04 06	2140	20	120	1.67	100.0	354	150
103.0	30.0	31 06.1	116 24.5	AX	69 04 06	2230	60	186	3.23	100.0	900	300
103.0	35.0	30 56.3	116 45.0	AX	69 04 07	0114	203	647	3.15	100.0	71	30
103.0	40.0	30 47.0	117 05.3	AX	69 04 07	0415	200	707	2.82	100.0	58	70
103.0	45.0	30 39.2	117 27.0	AX	69 04 07	0647	212	681	3.11	100.0	91	31
103.0	50.0	30 25.2	117 44.5	AX	69 04 07	0950	211	629	3.36	100.0	35	17
103.0	55.0	30 15.8	118 05.0	AX	69 04 07	1240	192	714	2.68	100.0	21	32
103.0	60.0	30 05.9	118 25.3	AX	69 04 07	1550	209	633	3.60	100.0	8	17
103.0	70.0	29 46.3	119 05.1	AX	69 04 07	2046	197	643	3.07	100.0	125	31
103.0	80.0	29 26.2	119 43.6	AX	69 04 08	0200	204	667	3.07	100.0	98	54
107.0	31.0	30 27.7	116 06.8	AX	69 04 09	0930	26	152	1.72	100.0	513	165
107.0	32.0	30 25.8	116 10.8	AX	69 04 09	0820	197	699	2.82	100.0	220	295

TABLE 1. (cont.)

CalCOFI Cruise 6904

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	35.0	30	20.5	116	21.7	AX	69	04	09	0610	207	645	3.20	100.0	34	20
107.0	40.0	30	10.5	116	41.5	AX	69	04	09	0315	202	662	3.05	100.0	99	20
107.0	45.0	30	00.8	117	00.7	AX	69	04	09	0018	204	671	3.05	100.0	131	21
107.0	50.0	29	51.2	117	21.1	AX	69	04	08	2144	208	641	3.25	100.0	62	30
107.0	55.0	29	40.9	117	42.0	AX	69	04	08	1845	204	676	3.02	100.0	51	9
107.0	60.0	29	31.5	118	01.4	AX	69	04	08	1620	206	667	3.10	100.0	117	27
107.0	70.0	29	11.2	118	41.8	AX	69	04	08	1125	212	663	3.20	100.0	93	62
107.0	80.0	28	51.7	119	20.1	AX	69	04	08	0634	203	710	2.85	100.0	54	14
110.0	32.0	29	51.8	115	47.5	AX	69	04	09	1335	11	70	1.64	100.0	42	19
110.0	35.0	29	45.8	115	59.9	AX	69	04	09	1628	198	683	2.90	100.0	276	679
110.0	40.0	29	36.8	116	19.8	AX	69	04	09	2040	207	631	3.28	100.0	581	11557
110.0	45.0	29	24.5	116	40.0	AX	69	04	09	2245	204	677	3.02	100.0	606	4187
110.0	50.0	29	13.8	116	58.0	AX	69	04	10	0305	199	678	2.95	100.0	81	10
110.0	60.0	28	56.5	118	38.5	AX	69	04	10	0906	212	649	3.27	100.0	26	13
110.0	70.0	28	36.3	118	18.1	AX	69	04	10	1510	194	716	2.71	100.0	51	55
110.0	80.0	28	16.4	118	56.5	AX	69	04	10	2040	205	681	3.01	100.0	118	25
113.0	29.0	29	24.2	115	13.2	AX	69	04	12	0546	15	111	1.34	100.0	143	2
113.0	30.0	29	22.0	115	18.1	AX	69	04	12	0500	46	247	1.87	100.0	91	0
113.0	35.0	29	11.3	115	39.7	AX	69	04	12	0150	208	616	3.38	100.0	267	158
113.0	40.0	29	02.6	116	00.2	AX	69	04	11	2310	195	655	2.98	100.0	866	24210
113.0	45.0	28	52.0	116	17.8	AX	69	04	11	2019	205	682	3.01	100.0	93	12
113.0	50.0	28	42.3	116	36.0	AX	69	04	11	1800	209	672	3.12	100.0	76	72
113.0	60.0	28	20.6	117	15.0	AX	69	04	11	1245	205	686	2.99	100.0	128	15
113.0	70.0	28	03.0	117	56.9	AX	69	04	11	0710	208	664	3.13	100.0	61	31
113.0	80.0	27	44.1	118	35.8	AX	69	04	11	0200	197	706	2.79	100.0	57	132
117.0	25.0	28	58.0	114	37.0	AX	69	04	12	0943	10	304	0.34	100.0	34	601
117.0	26.0	28	56.2	114	41.3	AX	69	04	12	1025	58	235	2.48	100.0	6	13
117.0	30.0	28	48.0	114	56.2	AX	69	04	13	0324	84	332	2.52	100.0	47	22
117.0	35.0	28	37.2	115	16.3	AX	69	04	13	0550	162	594	2.72	100.0	56	208
117.0	40.0	28	27.9	115	35.8	AX	69	04	13	1712	204	686	2.97	100.0	15	10
117.0	45.0	28	17.6	115	56.0	AX	69	04	13	1937	212	636	3.33	100.0	76	4
117.0	50.0	28	07.7	116	14.2	AX	69	04	13	2215	198	701	2.82	100.0	654	28
117.0	60.0	27	47.0	116	53.0	AX	69	04	14	0305	206	651	3.16	100.0	312	12
117.0	70.0	27	17.4	117	32.5	AX	69	04	14	0757	207	673	3.08	100.0	8	224
117.0	80.0	27	07.8	118	10.3	AX	69	04	14	1255	203	668	3.04	100.0	69	159
118.0	39.0	28	18.5	115	23.8	AX	69	04	13	0910	202	707	2.86	100.0	38	306
119.0	33.0	28	18.9	114	53.0	AX	69	04	12	2300	92	335	2.74	100.0	575	336
120.0	24.0	28	25.0	114	10.7	AX	69	04	12	1425	27	107	2.54	100.0	24	256
120.0	25.0	28	22.3	114	14.8	AX	69	04	12	1510	46	163	2.85	100.0	67	1267
120.0	30.0	28	13.0	114	34.0	AX	69	04	12	1744	82	271	3.02	100.0	67	144
120.0	35.0	28	02.6	114	54.4	AX	69	04	12	2000	65	248	2.64	100.0	346	8
120.0	40.0	27	56.3	115	13.9	AX	69	04	15	1931	23	112	2.08	100.0	88	129
120.0	45.0	27	43.0	115	33.2	AX	69	04	15	1622	202	653	3.09	100.0	53	622
120.0	50.0	27	33.9	116	54.2	AX	69	04	15	1215	204	680	2.99	100.0	48	22
120.0	60.0	27	13.7	116	32.6	AX	69	04	15	0625	208	656	3.18	100.0	31	140

TABLE 1. (cont.)

CalCOFI Cruise 6904

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	70.0	26	52.7	117	11.0	AX	69	04	15	0034	205	675	3.03	100.0	21	131
120.0	80.0	26	33.1	117	48.5	AX	69	04	14	1820	200	676	2.96	100.0	31	210
123.0	36.0	27	26.3	114	36.0	AX	69	04	16	0655	34	191	1.80	100.0	78	3
123.0	37.0	27	24.2	114	39.7	AX	69	04	16	0745	55	251	2.20	100.0	9	0
123.0	42.0	27	14.0	114	59.2	AX	69	04	16	1040	19	702	2.84	100.0	76	35
123.0	45.0	27	08.1	115	10.7	AX	69	04	16	1230	198	698	2.84	100.0	43	22
123.0	50.0	26	58.0	115	30.2	AX	69	04	16	1528	198	696	2.85	100.0	33	11
123.0	60.0	26	38.7	116	09.0	AX	69	04	16	2020	199	716	2.78	100.0	120	118
127.0	33.0	26	57.5	114	02.3	AX	69	04	17	1545	51	219	2.35	100.0	1	11
127.0	34.0	26	55.5	114	06.1	AX	69	04	17	1455	58	244	2.39	100.0	8	16
127.0	40.0	26	43.5	114	29.5	AX	69	04	17	1200	204	720	2.84	100.0	20	3
127.0	45.0	26	35.0	114	49.2	AX	69	04	17	0853	211	684	3.08	100.0	16	3
127.0	50.0	26	23.5	115	08.1	AX	69	04	17	0612	219	646	3.39	100.0	31	13
127.0	60.0	26	01.0	115	44.5	AX	69	04	17	0110	209	659	3.17	100.0	147	17
130.0	28.0	26	32.9	113	21.1	AX	69	04	17	1958	42	202	2.07	100.0	2	76
130.0	30.0	26	28.7	113	28.8	AX	69	04	17	2138	66	215	3.07	100.0	8	150
130.0	35.0	26	18.8	113	49.0	AX	69	04	18	0010	204	689	2.97	100.0	45	12
130.0	40.0	26	08.8	114	07.1	AX	69	04	18	0400	210	669	3.15	100.0	33	12
130.0	45.0	25	58.7	114	26.7	AX	69	04	18	0705	211	640	3.30	100.0	6	56
130.0	50.0	25	49.2	114	45.5	AX	69	04	18	1025	204	673	3.03	100.0	18	56
130.0	60.0	25	28.9	115	24.6	AX	69	04	18	1615	211	644	3.28	100.0	11	62
133.0	23.0	26	08.6	112	40.2	AX	69	04	19	1735	61	228	2.67	100.0	0	1
133.0	25.0	26	04.8	112	48.3	AX	69	04	19	1615	72	282	2.57	100.0	3	12
133.0	30.0	25	54.4	113	07.4	AX	69	04	19	1330	159	584	2.73	100.0	9	29
133.0	35.0	25	46.2	113	28.7	AX	69	04	19	1029	199	714	2.80	100.0	14	62
133.0	40.0	25	33.1	113	48.0	AX	69	04	19	0739	203	686	2.95	100.0	3	28
133.0	50.0	25	14.3	114	23.8	AX	69	04	19	0230	196	726	2.71	100.0	52	32
133.0	60.0	24	54.0	115	02.6	AX	69	04	18	2120	215	663	3.24	100.0	74	32
137.0	22.0	25	36.1	112	14.8	AX	69	04	19	2350	43	202	2.14	100.0	33	353
137.0	23.0	25	33.8	112	19.0	AX	69	04	20	0115	69	247	2.82	100.0	161	4320
137.0	30.0	25	19.9	112	45.5	AX	69	04	20	0710	206	666	3.09	100.0	0	8
137.0	35.0	25	09.9	113	04.2	AX	69	04	20	0950	201	698	2.88	100.0	6	30
137.0	40.0	24	58.1	113	24.8	AX	69	04	20	1355	205	686	2.99	100.0	12	4935
137.0	50.0	24	38.9	114	03.2	AX	69	04	20	1955	210	660	3.18	100.0	25	43
137.0	60.0	24	20.0	114	39.3	AX	69	04	21	0150	202	695	2.92	100.0	54	222

TABLE 1. (cont.)

CalCOFI Cruise 6905

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37 57.5	122 53.1	JD	69 05 24	2210	41	197	2.11	100.0	3	3
60.0	52.0	37 54.0	123 01.7	JD	69 05 25	0035	67	243	2.74	100.0	14	58
60.0	55.0	37 47.0	123 15.0	JD	69 05 25	0218	105	315	3.33	100.0	17	19
60.0	60.0	37 37.0	123 37.0	JD	69 05 25	0555	207	509	4.07	100.0	4	86
60.0	65.0	37 27.0	123 58.5	JD	69 05 25	0855	216	642	3.36	100.0	30	191
60.0	70.0	37 17.0	124 21.0	JD	69 05 25	1247	205	533	3.85	100.0	2	17
60.0	80.0	36 56.5	125 04.0	JD	69 05 25	1845	217	575	3.77	100.0	11	162
60.0	90.0	36 37.0	125 47.0	JD	69 05 25	0012	202	626	3.22	100.0	104	313
63.0	50.0	37 23.3	122 27.8	JD	69 05 24	0440	18	86	2.10	100.0	3	3
63.0	52.0	37 19.0	122 36.0	JD	69 05 24	0334	63	210	3.03	100.0	46	18
63.0	55.0	37 13.0	122 50.0	JD	69 05 24	0132	200	672	2.97	100.0	274	55
63.0	60.0	37 05.0	123 07.0	JD	69 05 23	2321	211	564	3.74	100.0	11	145
63.0	65.0	36 54.0	123 31.0	JD	69 05 23	2036	209	499	4.18	100.0	3	44
63.0	70.0	36 42.0	123 55.0	JD	69 05 23	1808	202	630	3.21	100.0	9	89
63.0	90.0	36 03.0	125 20.0	JD	69 05 26	0445	203	615	3.30	100.0	93	1798
67.0	48.0	36 52.9	121 56.0	JD	69 05 23	0133	29	109	2.64	100.0	33	5452
67.0	50.0	36 48.0	122 05.0	JD	69 05 23	0312	91	270	3.39	100.0	12	454
67.0	55.0	36 39.0	122 26.0	JD	69 05 23	0540	214	340	6.30	100.0	13	12
67.0	60.0	36 28.0	122 47.0	JD	69 05 23	0815	208	618	3.36	100.0	39	217
67.0	65.0	36 18.0	123 09.0	JD	69 05 23	1053	213	571	3.73	100.0	10	179
67.0	70.0	36 08.0	123 25.5	JD	69 05 23	1335	206	614	3.36	100.0	15	62
67.0	90.0	35 28.0	124 55.0	JD	69 05 26	1015	209	650	3.22	100.0	25	120
70.0	51.0	36 11.3	121 43.9	JD	69 05 22	2010	212	655	3.25	100.0	49	3
70.0	53.0	36 06.5	121 54.0	JD	69 05 22	1800	193	661	2.92	100.0	21	87
70.0	60.0	35 53.0	122 22.5	JD	69 05 21	0905	213	578	3.68	100.0	34	130
70.0	65.0	35 43.0	122 45.0	JD	69 05 20	1850	209	592	3.54	100.0	11	203
70.0	70.0	35 32.5	123 05.0	JD	69 05 20	1522	212	619	3.42	100.0	16	279
70.0	75.0	35 23.0	123 27.0	JD	69 05 20	1920	205	606	3.38	100.0	31	136
70.0	80.0	35 13.5	123 47.5	JD	69 05 20	0940	217	621	3.49	100.0	41	1502
70.0	90.0	34 53.0	124 30.0	JD	69 05 19	2313	201	697	2.89	100.0	18	225
70.0	100.0	34 33.0	125 12.0	JD	69 05 18	0631	204	608	3.36	100.0	18	319
70.0	110.0	34 13.0	125 54.0	JD	69 05 17	0947	217	575	3.78	100.0	49	447
73.0	50.0	35 37.0	121 17.0	JD	69 05 16	0014	88	298	2.96	100.0	35	22
73.0	53.0	35 31.5	121 28.5	JD	69 05 16	0210	211	536	3.93	100.0	9	12
73.0	60.0	35 17.5	121 58.0	JD	69 05 16	0538	203	573	3.54	100.0	40	277
73.0	65.0	35 08.0	122 19.0	JD	69 05 16	0814	200	593	3.38	100.0	33	224
73.0	70.0	34 58.0	122 40.0	JD	69 05 16	1115	210	442	4.75	100.0	36	732
73.0	80.0	34 38.0	123 22.0	JD	69 05 16	1540	205	484	3.73	100.0	11	54
73.0	90.0	34 18.5	124 04.0	JD	69 05 16	2003	215	616	3.48	100.0	69	236
77.0	48.0	35 08.3	120 43.7	JD	69 05 15	1842	21	99	2.13	100.0	9	55
77.0	51.0	35 02.0	120 57.0	JD	69 05 15	1713	212	590	3.60	100.0	28	17
77.0	55.0	34 54.5	121 13.0	JD	69 05 15	1426	203	576	3.52	100.0	12	48
77.0	60.0	34 44.0	121 34.0	JD	69 05 15	1132	208	520	4.01	100.0	37	246
77.0	65.0	34 34.0	121 55.0	JD	69 05 15	0844	216	607	3.55	100.0	32	613
77.0	70.0	34 24.2	122 16.0	JD	69 05 15	0622	212	617	3.44	100.0	17	566

TABLE 1. (cont.)

CalCOFI Cruise 6905

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	80.0	34	04.0	122	57.0	JD	69	05	15	0156	221	594	3.73	100.0	23	183
77.0	90.0	33	43.0	123	39.0	JD	69	05	14	2123	217	607	3.57	100.0	92	121
80.0	51.0	34	26.0	120	32.5	JD	69	05	13	1734	84	232	3.61	100.0	11	24
80.0	52.0	34	24.3	120	36.5	JD	69	05	13	1915	208	510	4.08	100.0	64	90
80.0	55.0	34	19.0	120	48.0	JD	69	05	13	2148	204	499	4.08	100.0	40	194
80.0	60.0	34	09.0	121	09.0	JD	69	05	14	0115	207	412	5.02	100.0	79	336
80.0	65.0	33	59.0	121	30.0	JD	69	05	14	0335	205	702	2.92	100.0	133	44
80.0	70.0	33	48.5	121	51.0	JD	69	05	14	0617	215	578	3.72	100.0	21	269
80.0	80.0	33	28.7	122	32.0	JD	69	05	14	1127	207	603	3.44	100.0	34	323
80.0	90.0	33	09.0	123	13.0	JD	69	05	14	1624	208	624	3.33	100.0	40	144
82.0	47.0	34	15.0	119	59.0	JD	69	05	13	1346	211	610	3.46	100.0	33	126
83.0	40.0	34	14.0	119	22.0	JD	69	05	13	0955	21	84	2.52	100.0	22	84
83.0	43.0	34	08.0	119	34.0	JD	69	05	13	0758	214	523	4.09	100.0	214	298
83.0	51.0	33	52.0	120	08.5	JD	69	05	13	0305	96	341	2.82	100.0	548	149
83.0	55.0	33	44.0	120	24.5	JD	69	05	13	0031	206	561	3.68	100.0	28	30
83.0	60.0	33	34.0	120	45.0	JD	69	05	12	2141	213	554	3.84	100.0	46	306
83.0	70.0	33	14.5	121	26.0	JD	69	05	12	1715	210	579	3.63	100.0	15	412
83.0	80.0	32	54.0	122	08.0	JD	69	05	12	1227	202	652	3.10	100.0	58	163
83.0	90.0	32	34.5	122	50.0	JD	69	05	12	0743	209	608	3.44	100.0	72	134
87.0	33.0	33	54.2	118	29.4	JD	69	05	10	2058	42	130	3.25	100.0	249	459
87.0	35.0	33	50.0	118	37.5	JD	69	05	10	2248	210	640	3.29	100.0	133	239
87.0	40.0	33	40.0	118	58.0	JD	69	05	11	0146	203	626	3.24	100.0	802	1243
87.0	45.0	33	30.0	119	19.0	JD	69	05	11	0510	197	654	3.02	100.0	77	1116
87.0	50.0	33	20.0	119	39.5	JD	69	05	11	0811	56	230	2.46	100.0	104	183
87.0	55.0	33	10.0	120	00.0	JD	69	05	11	1032	211	590	3.57	100.0	43	74
87.0	60.0	33	00.0	120	21.5	JD	69	05	11	1319	209	568	3.69	100.0	17	272
87.0	70.0	32	39.5	121	02.0	JD	69	05	11	1814	215	601	3.58	100.0	22	161
87.0	80.0	32	19.5	121	43.0	JD	69	05	11	2254	212	645	3.29	100.0	41	118
87.0	90.0	31	59.0	122	24.0	JD	69	05	12	0310	205	631	3.25	100.0	177	227
90.0	28.0	33	28.5	117	46.7	JD	69	05	10	0736	183	633	2.90	100.0	213	5859
90.0	32.0	33	20.5	118	03.0	JD	69	05	10	0420	201	580	3.47	100.0	2684	108
90.0	37.0	33	11.0	118	22.5	JD	69	05	10	0110	204	607	3.37	100.0	250	34
90.0	39.0	33	07.0	118	30.5	JD	69	05	09	2305	217	613	3.54	100.0	475	74
90.0	45.0	32	54.5	118	55.5	JD	69	05	09	1904	200	716	2.80	100.0	123	223
90.0	53.0	32	39.0	119	28.5	JD	69	05	09	1215	199	681	2.92	100.0	524	1533
90.0	60.0	32	25.0	119	57.5	JD	69	05	09	0758	213	648	3.29	100.0	11	103
90.0	70.0	32	04.5	120	38.5	JD	69	05	09	0216	208	654	3.18	100.0	47	98
90.0	80.0	31	44.5	121	19.5	JD	69	05	08	1958	214	661	3.24	100.0	60	78
90.0	90.0	31	24.0	122	01.0	JD	69	05	07	1241	206	665	3.10	100.0	79	125
93.0	27.0	32	56.0	117	19.0	JD	69	05	05	1937	106	388	2.73	100.0	28	356
93.0	28.0	32	54.7	117	21.8	JD	69	05	05	2122	212	676	3.14	100.0	103	72
93.0	30.0	32	50.5	117	31.0	JD	69	05	06	0025	199	711	2.81	100.0	26	5
93.0	35.0	32	40.5	117	51.5	JD	69	05	06	0325	207	625	3.32	100.0	835	297
93.0	40.0	32	30.0	118	11.5	JD	69	05	06	0635	212	715	2.97	100.0	405	571
93.0	45.0	32	20.0	118	32.0	JD	69	05	06	1010	206	721	2.86	100.0	896	500

TABLE 1. (cont.)

CalCOFI Cruise 6905

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	50.0	32	10.0	118	52.5	JD	69	05	06	1405	213	698	3.04	100.0	321	271
93.0	55.0	32	00.0	119	13.5	JD	69	05	06	1722	208	652	3.20	100.0	195	671
93.0	60.0	31	50.0	119	34.0	JD	69	05	06	2015	212	591	3.60	100.0	162	99
93.0	70.0	31	30.0	120	14.0	JD	69	05	07	0040	206	636	3.23	100.0	146	117
93.0	80.0	31	10.0	120	54.5	JD	69	05	07	0522	203	686	2.96	100.0	60	135
93.0	90.0	30	50.0	121	34.5	JD	69	05	07	1008	208	668	3.11	100.0	77	305

TABLE 1. (cont.)

CalCOFI Cruise 6906

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	29.0	32	17.5	117	04.7	JD	69	06	09	1440	36	113	3.18	100.0	34	628
97.0	30.0	32	16.0	117	07.0	JD	69	06	09	1515	35	220	1.61	100.0	71	257
97.0	32.0	32	12.0	117	15.2	JD	69	06	09	1705	211	629	3.36	100.0	2046	211
97.0	35.0	32	05.5	117	27.5	JD	69	06	09	1929	202	596	3.39	100.0	40	24
97.0	40.0	31	56.0	117	48.0	JD	69	06	09	2226	210	661	3.18	100.0	108	371
97.0	45.0	31	46.0	118	08.2	JD	69	06	10	0045	201	666	3.01	100.0	127	249
97.0	50.0	31	36.5	118	29.0	JD	69	06	10	0345	202	505	4.01	100.0	56	71
97.0	55.0	31	26.0	118	50.0	JD	69	06	10	0720	203	556	3.66	100.0	6	46
97.0	60.0	31	16.0	119	10.0	JD	69	06	10	1110	208	685	3.04	100.0	31	133
97.0	70.0	30	55.0	119	50.0	JD	69	06	10	1645	201	677	2.97	100.0	36	324
97.0	80.0	30	35.0	120	31.0	JD	69	06	10	2200	207	668	3.09	100.0	49	375
97.0	90.0	30	15.5	121	10.5	JD	69	06	11	0207	204	671	3.04	100.0	44	100
100.0	29.0	31	42.2	116	43.4	JD	69	06	12	2342	97	323	3.02	100.0	69	256
100.0	30.0	31	40.5	116	46.5	JD	69	06	12	2239	198	701	2.44	100.0	183	1207
100.0	35.0	31	27.0	117	05.5	JD	69	06	12	1847	205	639	3.44	100.0	1013	1775
100.0	40.0	31	19.2	117	27.0	JD	69	06	12	1445	204	665	3.08	100.0	40	8
100.0	45.0	31	09.0	117	46.0	JD	69	06	12	1015	198	745	2.66	100.0	17	3
100.0	50.0	30	58.0	118	07.0	JD	69	06	12	0618	203	466	4.36	100.0	518	161
100.0	55.0	30	49.0	118	27.0	JD	69	06	12	0255	185	584	3.18	100.0	153	417
100.0	60.0	30	39.0	118	47.0	JD	69	06	12	0034	209	651	3.21	100.0	73	21
100.0	70.0	30	20.5	119	27.5	JD	69	06	11	1915	207	642	3.23	100.0	65	230
100.0	80.0	29	59.0	120	06.0	JD	69	06	11	1345	208	663	3.13	100.0	90	261
100.0	90.0	29	40.5	120	47.0	JD	69	06	11	0647	202	674	3.00	100.0	186	270
103.0	29.0	31	07.0	116	21.0	JD	69	06	13	0442	18	84	2.19	100.0	91	230
103.0	30.0	31	06.0	116	24.5	JD	69	06	13	0528	50	204	2.44	100.0	31	571
103.0	35.0	30	56.0	116	45.0	JD	69	06	13	0805	217	629	3.44	100.0	399	816
103.0	40.0	30	46.0	117	04.5	JD	69	06	13	1040	210	608	3.46	100.0	10	18
103.0	45.0	30	36.0	117	24.0	JD	69	06	13	1313	208	595	3.50	100.0	16	18
103.0	50.0	30	27.0	117	44.0	JD	69	06	13	1614	205	587	3.49	100.0	10	70
103.0	55.0	30	15.8	118	05.0	JD	69	06	13	1848	214	607	3.52	100.0	24	29
103.0	60.0	30	06.6	118	25.0	JD	69	06	13	2127	205	679	3.03	100.0	44	49
103.0	70.0	29	48.0	119	04.0	JD	69	06	14	0147	207	625	3.31	100.0	114	416
103.0	80.0	29	27.0	119	43.0	JD	69	06	14	0612	201	637	3.16	100.0	49	588
107.0	31.0	30	27.8	116	07.0	JD	69	06	15	1130	50	174	2.86	100.0	26	356
107.0	32.0	30	25.8	116	11.0	JD	69	06	15	1037	204	681	3.00	100.0	61	755
107.0	35.0	30	21.5	116	22.5	JD	69	06	15	0837	211	606	3.48	100.0	29	935
107.0	40.0	30	05.5	116	42.0	JD	69	06	15	0544	202	517	3.91	100.0	8	180
107.0	45.0	29	56.5	117	03.8	JD	69	06	15	0247	206	658	3.14	100.0	40	269
107.0	50.0	29	49.0	117	21.0	JD	69	06	15	0030	195	704	2.77	100.0	146	156
107.0	55.0	29	41.0	117	42.0	JD	69	06	14	2153	210	651	3.22	100.0	83	260
107.0	60.0	29	32.0	118	01.5	JD	69	06	14	1931	209	634	3.30	100.0	30	432
107.0	70.0	29	11.0	118	41.0	JD	69	06	14	1510	209	676	3.09	100.0	60	330
107.0	80.0	28	51.5	119	20.0	JD	69	06	14	1052	205	692	2.96	100.0	136	661
110.0	32.0	29	51.3	115	49.3	JD	69	06	15	1545	25	107	2.38	100.0	117	612
110.0	35.0	29	46.0	116	00.0	JD	69	06	15	1735	201	647	3.12	100.0	11	7

TABLE 1. (cont.)

CalCOFI Cruise 6906

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
110.0	40.0	29	36.5	116	19.5	JD	69	06	15	2109	208	651	3.20	100.0	41	60
110.0	45.0	29	26.8	116	39.5	JD	69	06	15	2354	206	648	3.18	100.0	70	96
110.0	50.0	29	17.0	116	59.5	JD	69	06	16	0250	200	657	3.04	100.0	53	78
110.0	60.0	28	56.5	117	39.0	JD	69	06	16	0750	228	658	3.47	100.0	39	25
110.0	70.0	28	36.5	118	18.0	JD	69	06	16	1245	203	660	3.08	100.0	31	338
110.0	80.0	28	16.5	118	57.5	JD	69	06	16	1713	207	682	3.04	100.0	131	324
113.0	29.0	29	24.2	115	13.2	JD	69	06	17	2235	20	112	1.80	100.0	19	21
113.0	30.0	29	21.0	115	18.0	JD	69	06	17	2150	55	217	2.52	100.0	4	4
113.0	35.0	29	11.5	115	38.0	JD	69	06	17	1914	211	641	3.29	100.0	724	775
113.0	40.0	28	58.0	115	58.5	JD	69	06	17	1611	200	697	2.86	100.0	12	6
113.0	45.0	28	48.0	116	19.0	JD	69	06	17	1315	206	684	3.02	100.0	72	45
113.0	50.0	28	40.0	116	36.0	JD	69	06	17	1110	205	677	3.04	100.0	21	30
113.0	60.0	28	21.0	117	15.5	JD	69	06	17	0650	198	688	2.88	100.0	57	52
113.0	70.0	28	02.0	117	55.0	JD	69	06	17	0210	206	687	3.01	100.0	6	8
113.0	80.0	27	42.0	118	33.5	JD	69	06	16	2200	204	657	3.10	100.0	132	133
117.0	25.0	28	58.0	114	37.0	JD	69	06	18	0447	41	156	2.63	100.0	11	32
117.0	26.0	28	56.0	114	41.5	JD	69	06	18	0355	62	210	2.94	100.0	0	8
117.0	30.0	28	48.0	114	56.5	JD	69	06	18	0208	66	240	2.74	100.0	260	62
117.0	35.0	28	38.0	115	16.0	JD	69	06	18	2040	173	539	3.21	100.0	237	111
117.0	40.0	28	28.0	115	35.5	JD	69	06	19	0233	199	476	4.18	100.0	487	121
117.0	45.0	28	18.0	115	56.0	JD	69	06	19	0450	197	597	3.31	100.0	34	107
117.0	50.0	28	08.0	116	15.0	JD	69	06	19	0720	200	516	3.88	100.0	53	89
117.0	60.0	27	49.0	116	54.0	JD	69	06	19	1135	210	569	3.70	100.0	15	57
117.0	70.0	27	29.5	117	32.5	JD	69	06	19	1555	205	614	3.34	100.0	10	7
117.0	80.0	27	08.0	118	10.5	JD	69	06	19	2004	210	527	3.99	100.0	239	330
118.0	39.0	28	18.5	115	23.7	JD	69	06	18	2347	210	262	8.02	100.0	159	168
119.0	33.0	28	19.0	114	52.5	JD	69	06	18	1655	104	320	3.27	100.0	66	1095
120.0	24.0	28	25.0	114	10.7	JD	69	06	18	0843	21	245	0.85	100.0	155	2164
120.0	25.0	28	22.5	114	15.0	JD	69	06	18	0933	42	373	1.13	100.0	72	333
120.0	30.0	28	14.0	114	33.3	JD	69	06	18	1150	84	282	2.98	100.0	44	628
120.0	35.0	28	03.0	114	54.0	JD	69	06	18	1420	69	250	2.77	100.0	25	112
120.0	40.0	27	56.5	115	14.0	JD	69	06	23	1740	25	112	2.22	100.0	94	458
120.0	45.0	27	43.0	115	33.0	JD	69	06	23	1103	208	632	3.30	100.0	16	106
120.0	50.0	27	33.0	115	52.5	JD	69	06	23	0620	201	650	3.09	100.0	28	44
120.0	55.0	27	23.0	116	12.0	JD	69	06	22	0835	206	644	3.20	100.0	17	79
120.0	60.0	27	13.0	116	30.5	JD	69	06	22	0547	206	644	3.20	100.0	45	242
120.0	70.0	26	53.0	117	10.0	JD	69	06	21	1205	214	636	3.36	100.0	44	494
120.0	80.0	26	32.5	117	49.0	JD	69	06	21	0540	214	598	3.58	100.0	130	603
120.0	90.0	26	13.0	118	27.0	JD	69	06	20	1538	203	643	3.16	100.0	71	312
123.0	36.0	27	26.2	114	36.0	JD	69	06	24	0625	34	105	3.28	100.0	9	171
123.0	37.0	27	24.0	114	40.0	JD	69	06	24	0720	61	161	3.76	100.0	11	69
123.0	42.0	27	14.0	114	59.0	JD	69	06	24	0955	199	694	2.87	100.0	79	120
123.0	45.0	27	08.0	115	11.5	JD	69	06	24	1150	208	656	3.16	100.0	59	83
123.0	50.0	26	58.0	115	31.0	JD	69	06	24	1435	207	673	3.07	100.0	18	422
123.0	60.0	26	38.5	116	09.0	JD	69	06	24	1855	202	660	3.06	100.0	54	858

TABLE 1. (cont.)

CalCOFI Cruise 6906

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
127.0	33.0	26	57.5	114	02.2	JD	69	06	25	1213	33	186	1.76	100.0	65	312
127.0	34.0	26	55.0	114	06.5	JD	69	06	25	1126	43	169	2.53	100.0	198	298
127.0	40.0	26	44.1	114	30.0	JD	69	06	25	0835	213	634	3.36	100.0	76	61
127.0	45.0	26	33.0	114	48.5	JD	69	06	25	0540	205	662	3.09	100.0	13	502
127.0	50.0	26	22.2	115	09.5	JD	69	06	25	0315	203	691	2.94	100.0	77	104
127.0	60.0	26	04.0	115	45.1	JD	69	06	24	2307	208	663	3.13	100.0	240	474
130.0	28.0	26	33.5	113	21.0	JD	69	06	25	1620	47	185	2.54	100.0	48	123
130.0	30.0	26	29.8	113	29.0	JD	69	06	25	1755	67	227	2.97	100.0	67	187
130.0	35.0	26	19.0	113	48.0	JD	69	06	25	2035	190	697	2.73	100.0	56	229
130.0	40.0	26	07.2	114	07.0	JD	69	06	24	2400	206	633	3.26	100.0	94	94
130.0	45.0	25	57.5	114	27.2	JD	69	06	26	0249	207	547	3.80	100.0	155	80
130.0	50.0	25	47.2	114	47.0	JD	69	06	26	0556	202	635	3.18	100.0	318	524
130.0	60.0	25	29.0	115	24.0	JD	69	06	26	1052	211	657	3.21	100.0	48	155
133.0	23.0	26	08.5	112	40.2	JD	69	06	27	0937	39	235	1.67	100.0	11	207
133.0	25.0	26	04.5	112	48.0	JD	69	06	27	0832	49	263	1.88	100.0	340	3667
133.0	30.0	25	52.7	113	08.6	JD	69	06	27	0530	204	639	3.19	100.0	0	19
133.0	35.0	25	40.4	113	24.6	JD	69	06	27	0240	203	705	2.88	100.0	36	107
133.0	40.0	25	32.0	113	43.6	JD	69	06	26	0030	209	673	3.11	100.0	2	84
133.0	50.0	25	14.5	114	24.0	JD	69	06	26	2010	207	706	2.93	100.0	0	59
133.0	60.0	24	54.5	115	02.0	JD	69	06	26	1546	204	670	3.04	100.0	15	136
137.0	22.0	25	36.0	112	15.0	JD	69	06	27	1320	48	189	2.56	100.0	10	619
137.0	23.0	25	34.0	112	19.0	JD	69	06	27	1430	63	235	2.67	100.0	2	18
137.0	30.0	25	20.0	112	46.0	JD	69	06	27	1915	207	665	3.11	100.0	2	179
137.0	35.0	25	10.0	113	04.5	JD	69	06	27	2132	212	693	3.06	100.0	17	0
137.0	40.0	25	00.5	113	23.5	JD	69	06	27	0113	209	652	3.20	100.0	120	10
137.0	50.0	24	39.8	114	02.5	JD	69	06	28	0615	196	687	2.85	100.0	23	49
137.0	60.0	24	20.0	114	39.8	JD	69	06	28	1102	203	678	3.00	100.0	20	42

TABLE 1. (cont.)

CalCOFI Cruise 6907

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.1	JD	69	07	28	0650	27	96	2.81	100.0	3	51
60.0	52.0	37	54.0	123	01.7	JD	69	07	28	0825	65	146	4.49	100.0	4	9
60.0	55.0	37	47.0	123	15.0	JD	69	07	28	1020	117	262	4.47	100.0	15	83
60.0	60.0	37	36.5	123	37.5	JD	69	07	28	1350	204	594	3.43	100.0	58	3
60.0	65.0	37	27.0	123	58.5	JD	69	07	28	1614	206	601	3.42	100.0	32	14
60.0	70.0	37	17.0	124	21.0	JD	69	07	28	1957	208	422	4.93	100.0	32	6
60.0	80.0	36	56.5	125	04.0	JD	69	07	29	0120	208	598	3.48	100.0	38	23
60.0	90.0	36	37.0	125	47.0	JD	69	07	29	0640	203	722	2.81	100.0	41	65
63.0	50.0	37	23.3	122	27.8	JD	69	07	28	0305	14	67	2.08	100.0	114	2425
63.0	52.0	37	19.0	122	36.0	JD	69	07	28	0157	77	182	4.26	100.0	28	35
63.0	55.0	13	17.0	122	50.0	JD	69	07	28	0005	208	578	3.60	100.0	238	10
63.0	60.0	37	03.0	123	12.0	JD	69	07	27	2125	205	446	4.61	100.0	22	14
63.0	65.0	36	53.0	123	33.0	JD	69	07	27	1841	206	456	4.51	100.0	15	0
63.0	70.0	36	42.5	123	55.0	JD	69	07	27	1620	208	516	4.03	100.0	17	7
63.0	90.0	36	03.0	125	20.0	JD	69	07	27	0340	210	610	3.44	100.0	14	27
67.0	48.0	36	52.9	121	56.0	JD	69	07	26	0020	23	134	1.70	100.0	23	14217
67.0	50.0	36	48.0	122	05.0	JD	69	07	26	0148	82	237	3.47	100.0	47	219
67.0	55.0	36	39.3	122	26.3	JD	69	07	26	0414	208	581	3.58	100.0	37	19
67.0	60.0	36	28.0	122	48.0	JD	69	07	26	0652	197	554	3.56	100.0	8	2
67.0	65.0	36	18.0	123	09.0	JD	69	07	26	0910	201	575	3.49	100.0	16	8
67.0	70.0	36	08.0	123	29.5	JD	69	07	26	1153	206	575	3.58	100.0	13	12
67.0	80.0	35	48.0	124	12.0	JD	69	07	26	1745	194	505	3.85	100.0	21	11
67.0	90.0	35	28.0	124	55.0	JD	69	07	26	2220	209	531	3.94	100.0	44	3
70.0	51.0	36	11.3	121	43.9	JD	69	07	25	1940	116	334	3.48	100.0	31	390
70.0	53.0	36	06.5	121	54.0	JD	69	07	25	1800	200	615	3.25	100.0	9	24
70.0	60.0	35	52.5	122	23.0	JD	69	07	25	1300	205	610	3.36	100.0	10	12
70.0	65.0	35	43.0	122	45.0	JD	69	07	25	0914	200	599	3.34	100.0	20	20
70.0	70.0	35	33.0	123	06.0	JD	69	07	25	0617	205	625	3.28	100.0	10	1
70.0	80.0	35	12.5	123	47.5	JD	69	07	25	0056	209	552	3.78	100.0	73	56
70.0	90.0	34	53.0	124	30.0	JD	69	07	24	1925	204	656	3.11	100.0	22	40
73.0	50.0	35	37.0	121	17.0	JD	69	07	23	1410	83	14	5.75	100.0	9	157
73.0	53.0	35	31.5	121	28.5	JD	69	07	23	1600	205	520	3.94	100.0	26	34
73.0	60.0	35	17.5	121	58.0	JD	69	07	23	1923	203	596	3.41	100.0	11	6
73.0	65.0	35	08.0	122	19.0	JD	69	07	23	2148	201	577	3.48	100.0	171	15
73.0	70.0	34	57.5	122	38.0	JD	69	07	24	0030	206	514	4.00	100.0	94	12
73.0	80.0	34	37.8	123	21.0	JD	69	07	24	0500	206	519	3.97	100.0	24	9
73.0	90.0	34	18.5	124	04.0	JD	69	07	24	1144	205	598	3.44	100.0	28	3
77.0	48.0	35	08.3	120	43.7	JD	69	07	23	1010	18	108	1.67	100.0	5	302
77.0	51.0	35	02.0	120	56.5	JD	69	07	23	0810	202	493	4.09	100.0	7	4
77.0	55.0	34	55.0	121	13.2	JD	69	07	23	0550	198	602	3.29	100.0	9	9
77.0	60.0	34	42.7	121	34.5	JD	69	07	23	0245	207	511	4.05	100.0	62	44
77.0	65.0	34	32.7	121	55.0	JD	69	07	23	0010	207	614	3.37	100.0	157	15
77.0	70.0	34	24.0	122	16.0	JD	69	07	22	2150	205	638	3.22	100.0	25	4
77.0	80.0	34	04.0	122	57.0	JD	69	07	22	1645	208	596	3.50	100.0	30	15
77.0	90.0	33	43.0	123	39.0	JD	69	07	22	1018	199	678	2.93	100.0	50	31

TABLE 1. (cont.)

CalCOFI Cruise 6907

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	51.0	34	26.0	120	32.5	JD	69	07	21	0040	114	354	3.21	100.0	82	296
80.0	52.0	34	24.3	120	36.5	JD	69	07	21	0258	204	591	3.45	100.0	183	21
80.0	55.0	34	19.0	120	48.0	JD	69	07	21	0529	204	520	3.93	100.0	18	6
80.0	60.0	34	09.0	121	09.0	JD	69	07	21	0910	199	606	3.28	100.0	22	14
80.0	65.0	33	59.0	121	30.0	JD	69	07	21	1205	204	628	3.24	100.0	18	27
80.0	70.0	33	48.5	121	51.0	JD	69	07	21	1527	206	651	3.17	100.0	20	6
80.0	80.0	33	29.0	122	32.0	JD	69	07	21	2220	205	662	3.10	100.0	20	10
80.0	90.0	33	09.0	123	13.0	JD	69	07	22	0340	206	656	3.13	100.0	57	30
82.0	47.0	34	15.5	119	59.0	JD	69	07	20	2110	196	611	3.22	100.0	148	71
83.0	40.0	34	14.0	119	22.0	JD	69	07	20	0423	14	202	0.68	100.0	126	594
83.0	43.0	34	09.7	119	29.5	JD	69	07	20	0303	172	484	3.56	100.0	1461	1375
83.0	51.0	33	52.0	120	08.5	JD	69	07	19	2200	102	300	3.40	100.0	208	72
83.0	55.0	33	44.0	120	24.5	JD	69	07	19	1915	198	614	3.23	100.0	296	76
83.0	60.0	33	34.0	120	45.0	JD	69	07	19	1610	205	565	3.63	100.0	19	18
83.0	70.0	33	14.0	121	24.5	JD	69	07	19	1003	197	637	3.10	100.0	15	47
83.0	80.0	32	54.0	122	08.0	JD	69	07	19	0410	205	601	3.41	100.0	64	119
83.0	90.0	32	35.0	122	50.0	JD	69	07	18	2230	202	660	3.06	100.0	86	17
87.0	33.0	33	54.2	118	29.4	JD	69	07	16	2305	45	165	2.73	100.0	233	291
87.0	35.0	33	50.0	118	37.5	JD	69	07	17	0047	207	565	3.65	100.0	620	475
87.0	40.0	33	40.0	118	58.0	JD	69	07	17	0419	203	582	3.49	100.0	278	68
87.0	45.0	33	30.0	119	19.0	JD	69	07	17	0927	197	621	3.17	100.0	73	60
87.0	50.0	33	20.0	119	39.5	JD	69	07	17	1310	60	192	3.13	100.0	84	1126
87.0	55.0	33	10.0	120	00.0	JD	69	07	17	1620	203	643	3.16	100.0	7	18
87.0	60.0	33	00.0	120	22.0	JD	69	07	17	2242	198	593	3.33	100.0	49	60
87.0	70.0	32	39.5	121	02.0	JD	69	07	18	0330	190	532	3.57	100.0	54	81
87.0	80.0	32	20.0	121	42.0	JD	69	07	18	0950	200	630	3.17	100.0	9	4
87.0	90.0	31	59.0	122	24.0	JD	69	07	18	1634	215	657	3.27	100.0	34	57
90.0	28.0	33	28.5	117	46.7	JD	69	07	16	1815	193	593	3.26	100.0	70	176
90.0	32.0	33	20.5	118	03.0	JD	69	07	16	1445	205	573	3.58	100.0	354	63
90.0	37.0	33	11.0	118	22.5	JD	69	07	16	1035	198	543	3.65	100.0	436	261
90.0	45.0	32	54.5	118	55.1	JD	69	07	16	0403	206	612	3.37	100.0	447	140
90.0	53.0	32	39.0	119	28.5	JD	69	07	15	2200	199	599	3.31	100.0	72	105
90.0	60.0	32	25.0	119	57.5	JD	69	07	15	1752	213	612	3.47	100.0	48	84
90.0	70.0	32	03.0	120	40.0	JD	69	07	15	1008	207	660	3.14	100.0	24	96
90.0	80.0	31	44.5	121	19.5	JD	69	07	15	0345	205	684	3.00	100.0	85	62
90.0	90.0	31	24.0	122	01.0	JD	69	07	14	2155	201	677	2.97	100.0	101	240
90.0	100.0	31	05.0	122	39.0	JD	69	07	14	1548	209	684	3.05	100.0	39	301
90.0	120.0	30	25.0	124	00.0	JD	69	07	14	0225	207	690	3.00	100.0	178	161
90.0	140.0	29	45.0	125	20.0	JD	69	07	13	1620	212	705	3.01	100.0	118	107
93.0	27.0	32	56.0	117	19.0	JD	69	07	10	1330	199	707	2.81	100.0	112	457
93.0	28.0	32	54.7	117	21.8	JD	69	07	10	1500	205	637	3.21	100.0	1067	371
93.0	30.0	32	50.5	117	31.0	JD	69	07	10	1800	199	703	2.84	100.0	297	92
93.0	35.0	32	40.5	117	51.5	JD	69	07	10	2100	197	705	2.79	100.0	376	340
93.0	40.0	32	30.0	118	11.5	JD	69	07	11	0028	205	647	3.17	100.0	173	25
93.0	45.0	32	19.8	118	30.8	JD	69	07	11	0315	204	642	3.18	100.0	499	185

TABLE 1. (cont.)

CalCOFI Cruise 6907

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	50.0	32	08.6	118	51.0	JD	69	07	11	0730	200	667	3.00	100.0	41	32
93.0	55.0	31	57.5	119	11.0	JD	69	07	11	1100	203	678	2.99	100.0	19	20
93.0	60.0	31	49.2	119	31.5	JD	69	07	11	1610	205	694	2.96	100.0	18	9
93.0	70.0	31	30.0	120	15.0	JD	69	07	11	2105	203	661	3.07	100.0	26	5
93.0	80.0	31	10.0	120	54.5	JD	69	07	12	0125	204	660	3.07	100.0	33	61
93.0	90.0	30	50.0	121	34.5	JD	69	07	12	0639	201	705	2.86	100.0	66	317
93.0	100.0	30	30.0	122	14.0	JD	69	07	12	1310	207	671	3.09	100.0	120	162
93.0	120.0	29	49.0	123	35.0	JD	69	07	12	2331	204	664	3.07	100.0	179	565
93.0	140.0	29	09.0	124	53.0	JD	69	07	13	0907	203	725	2.80	100.0	276	728
97.0	29.0	32	17.5	117	04.5	AX	69	07	09	1610	51	187	2.75	100.0	66	141
97.0	30.0	32	15.8	117	06.9	AX	69	07	09	1710	53	171	3.13	100.0	64	266
97.0	32.0	32	12.1	117	15.8	AX	69	07	09	1930	211	482	4.38	100.0	69	119
97.0	35.0	32	05.6	117	27.6	AX	69	07	09	2228	207	562	3.68	100.0	456	349
97.0	40.0	31	55.5	117	49.5	AX	69	07	10	0245	190	629	3.03	100.0	50	26
97.0	45.0	31	45.9	118	09.3	AX	69	07	10	0525	208	549	3.78	100.0	26	135
97.0	50.0	31	35.4	118	31.0	AX	69	07	10	0919	210	431	4.87	100.0	23	59
97.0	55.0	31	25.4	118	50.5	AX	69	07	10	1210	204	505	4.04	100.0	7	47
97.0	60.0	31	16.2	119	10.8	AX	69	07	10	1528	222	535	4.15	100.0	46	258
97.0	70.0	30	53.3	119	52.5	AX	69	07	10	2046	211	466	4.53	100.0	69	90
97.0	80.0	30	32.9	120	32.0	AX	69	07	11	0145	209	623	3.36	100.0	80	378
97.0	90.0	30	15.2	121	11.0	AX	69	07	11	0700	207	690	3.00	100.0	143	485
100.0	29.0	31	42.2	116	43.4	AX	69	07	13	0935	157	437	3.60	100.0	40	152
100.0	30.0	31	40.6	116	46.5	AX	69	07	13	0831	213	594	3.58	100.0	175	46
100.0	35.0	31	30.4	117	06.8	AX	69	07	13	0408	206	449	4.58	100.0	67	16
100.0	40.0	31	20.7	117	27.7	AX	69	07	13	0005	211	615	3.42	100.0	86	37
100.0	45.0	31	11.5	117	49.0	AX	69	07	12	1932	215	464	4.63	100.0	148	38
100.0	50.0	31	00.5	118	08.4	AX	69	07	12	1602	214	615	3.47	100.0	16	49
100.0	55.0	30	54.0	118	28.0	AX	69	07	12	1135	214	580	3.69	100.0	35	145
100.0	60.0	30	41.3	118	47.3	AX	69	07	12	0903	211	522	4.04	100.0	8	85
100.0	70.0	30	20.0	119	27.8	AX	69	07	12	0157	216	507	4.27	100.0	30	67
100.0	80.0	30	01.0	120	06.5	AX	69	07	11	1955	216	508	4.25	100.0	48	93
100.0	90.0	29	38.4	120	46.7	AX	69	07	11	1310	213	472	4.50	100.0	52	132
103.0	29.0	31	07.0	116	21.1	AX	69	07	13	1411	22	101	2.13	100.0	25	520
103.0	30.0	31	06.1	116	24.6	AX	69	07	13	1515	55	187	2.94	100.0	26	165
103.0	35.0	30	56.2	116	45.0	AX	69	07	13	1758	209	582	3.59	100.0	20	16
103.0	40.0	30	45.3	117	05.2	AX	69	07	13	2108	211	531	3.96	100.0	23	17
103.0	45.0	30	36.2	117	25.6	AX	69	07	13	2335	218	519	4.19	100.0	17	35
103.0	50.0	30	27.6	117	44.9	AX	69	07	14	0245	210	488	4.30	100.0	54	108
103.0	55.0	30	18.3	118	05.7	AX	69	07	14	0520	210	594	3.53	100.0	60	320
103.0	60.0	30	09.9	118	25.0	AX	69	07	14	0820	212	594	3.56	100.0	39	260
103.0	70.0	29	47.1	119	03.0	AX	69	07	14	1400	212	594	3.57	100.0	36	224
103.0	80.0	29	26.8	119	43.5	AX	69	07	14	1818	207	636	3.26	100.0	81	224
107.0	31.0	30	27.7	116	07.0	AX	69	07	16	0432	23	137	1.68	100.0	52	923
107.0	32.0	30	25.8	116	11.0	AX	69	07	16	0315	208	604	3.44	100.0	56	119
107.0	35.0	30	21.2	116	22.6	AX	69	07	16	0114	214	573	3.74	100.0	113	25

TABLE 1. (cont.)

CalCOFI Cruise 6907

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	40.0	30	10.2	116	41.9	AX	69	07	15	2200	208	460	4.53	100.0	29	20
107.0	45.0	30	01.3	117	00.2	AX	69	07	15	1852	208	563	3.70	100.0	33	89
107.0	50.0	29	51.0	117	21.7	AX	69	07	15	1608	204	628	3.24	100.0	67	77
107.0	55.0	29	40.5	117	41.2	AX	69	07	15	1251	214	617	3.46	100.0	74	124
107.0	60.0	29	31.8	118	01.4	AX	69	07	15	0950	200	676	2.96	100.0	49	120
107.0	70.0	29	10.9	118	41.5	AX	69	07	15	0431	204	665	3.07	100.0	143	304
107.0	80.0	28	52.0	119	19.7	AX	69	07	14	2340	208	624	3.34	100.0	364	435
110.0	32.0	29	52.0	115	47.8	AX	69	07	16	0843	19	88	2.22	100.0	20	417
110.0	35.0	29	46.0	116	00.0	AX	69	07	16	1130	210	611	3.44	100.0	39	21
110.0	40.0	29	36.5	116	19.3	AX	69	07	16	1545	212	532	3.98	100.0	28	10
110.0	45.0	29	26.3	116	39.4	AX	69	07	16	1855	205	504	4.07	100.0	46	114
110.0	50.0	29	15.9	116	59.2	AX	69	07	16	2250	206	467	4.42	100.0	75	58
110.0	60.0	28	56.6	117	38.5	AX	69	07	17	0451	212	572	3.71	100.0	5	19
110.0	70.0	28	36.4	118	17.8	AX	69	07	17	1030	204	646	3.16	100.0	8	23
110.0	80.0	28	16.5	118	56.2	AX	69	07	17	1615	211	638	3.31	100.0	99	998
113.0	29.0	29	24.2	115	13.1	AX	69	07	19	0220	12	77	1.51	100.0	4	224
113.0	30.0	29	21.8	115	18.1	AX	69	07	19	0057	58	184	3.14	100.0	2	2
113.0	35.0	29	11.5	115	38.0	AX	69	07	18	2150	211	606	3.48	100.0	50	18
113.0	40.0	29	02.1	115	57.1	AX	69	07	18	1905	211	613	3.43	100.0	70	9
113.0	45.0	28	51.0	116	17.0	AX	69	07	18	1546	205	535	3.84	100.0	14	16
113.0	50.0	28	44.2	116	38.2	AX	69	07	18	1305	202	587	3.45	100.0	17	29
113.0	60.0	28	21.8	117	16.1	AX	69	07	18	0730	205	632	3.24	100.0	21	24
113.0	70.0	28	01.3	117	55.1	AX	69	07	18	0220	211	623	3.39	100.0	9	251
113.0	80.0	27	42.0	118	33.1	AX	69	07	17	2135	209	614	3.40	100.0	126	215
117.0	25.0	28	57.9	114	36.8	AX	69	07	19	0637	22	125	1.74	100.0	0	0
117.0	26.0	28	55.9	114	41.3	AX	69	07	19	0720	64	248	2.57	100.0	2	9
117.0	30.0	28	48.2	114	58.7	AX	69	07	20	0100	93	448	2.07	100.0	222	202
117.0	35.0	28	37.9	115	15.8	AX	69	07	20	0316	139	259	5.36	100.0	83	44
117.0	40.0	28	28.0	115	35.5	AX	69	07	20	0947	209	555	3.77	100.0	28	114
117.0	45.0	28	17.9	115	56.0	AX	69	07	20	1232	211	601	3.50	100.0	41	82
117.0	50.0	28	07.2	116	15.9	AX	69	07	20	1546	207	612	3.39	100.0	66	107
117.0	60.0	27	48.0	116	52.9	AX	69	07	20	2030	198	619	3.20	100.0	101	611
117.0	70.0	27	27.8	117	32.2	AX	69	07	21	0140	204	618	3.30	100.0	143	3528
117.0	80.0	27	07.8	118	10.6	AX	69	07	21	0630	204	650	3.15	100.0	110	194
118.0	39.0	28	18.3	115	24.2	AX	69	07	20	0640	176	500	3.52	100.0	47	149
119.0	33.0	28	19.0	114	52.9	AX	69	07	19	2045	98	283	3.47	100.0	98	1217
120.0	24.0	28	23.7	114	10.8	AX	69	07	19	1150	26	118	2.16	100.0	5	93
120.0	25.0	28	22.3	114	15.0	AX	69	07	19	1238	49	169	2.91	100.0	7	1120
120.0	30.0	28	12.2	114	33.8	AX	69	07	19	1525	75	302	2.48	100.0	69	33
120.0	35.0	28	02.9	114	54.0	AX	69	07	19	1750	58	234	2.49	100.0	58	150
120.0	40.0	27	56.4	115	13.9	AX	69	07	22	1410	26	123	2.13	100.0	39	168
120.0	45.0	27	47.2	115	33.9	AX	69	07	22	1025	212	568	3.74	100.0	60	263
120.0	50.0	27	36.2	115	53.4	AX	69	07	22	0628	213	611	3.48	100.0	137	205
120.0	60.0	27	15.0	116	30.5	AX	69	07	22	0027	203	640	3.18	100.0	313	385
120.0	70.0	26	54.0	117	09.9	AX	69	07	21	1823	209	592	3.53	100.0	149	321

TABLE 1. (cont.)

CalCOFI Cruise 6907

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	80.0	26 32.5	117 49.0	AX	69 07 21	1205	214	630	3.39	100.0	252	1375
123.0	36.0	27 26.0	114 36.0	AX	69 07 22	1852	34	177	1.90	100.0	6	422
123.0	37.0	27 24.1	114 39.9	AX	69 07 22	1950	58	229	2.53	100.0	10	146
123.0	42.0	27 13.8	114 59.3	AX	69 07 22	2230	203	621	3.27	100.0	148	255
123.0	45.0	27 08.1	115 10.6	AX	69 07 23	0020	208	621	3.35	100.0	433	131
123.0	50.0	26 58.7	115 31.6	AX	69 07 23	0341	211	622	3.38	100.0	312	59
123.0	60.0	26 38.7	116 09.0	AX	69 07 23	0816	210	628	3.35	100.0	91	228
127.0	33.0	26 57.4	114 02.3	AX	69 07 24	0508	50	198	2.55	100.0	11	378
127.0	34.0	26 55.2	114 06.0	AX	69 07 24	0425	72	245	2.93	100.0	63	151
127.0	40.0	26 41.2	114 27.2	AX	69 07 24	0115	202	599	3.38	100.0	226	202
127.0	45.0	26 31.0	114 46.8	AX	69 07 23	2200	207	639	3.24	100.0	509	87
127.0	50.0	26 24.0	115 09.1	AX	69 07 23	1850	206	623	3.31	100.0	140	27
127.0	60.0	26 03.5	115 46.5	AX	69 07 23	1327	205	655	3.13	100.0	283	46
130.0	28.0	26 33.1	113 21.0	AX	69 07 24	0953	37	170	2.15	100.0	2	6
130.0	30.0	26 29.0	113 28.8	AX	69 07 24	1140	74	227	3.25	100.0	1	6
130.0	35.0	26 18.3	113 49.5	AX	69 07 24	1447	212	581	3.65	100.0	4	9
130.0	40.0	26 09.3	114 07.0	AX	69 07 24	1843	212	619	3.42	100.0	20	107
130.0	45.0	25 58.7	114 26.2	AX	69 07 24	2150	204	643	3.17	100.0	32	109
130.0	50.0	25 49.0	114 45.8	AX	69 07 25	0152	221	601	3.68	100.0	41	438
130.0	60.0	25 28.7	115 23.7	AX	69 07 25	0730	204	581	3.52	100.0	49	107
133.0	23.0	26 08.7	112 40.2	AX	69 07 26	0958	52	195	2.67	100.0	3	30
133.0	25.0	26 01.2	112 44.0	AX	69 07 26	0820	37	306	1.21	100.0	6	76
133.0	30.0	25 54.6	113 07.3	AX	69 07 26	0515	143	411	3.49	100.0	4	25
133.0	35.0	25 44.4	113 26.3	AX	69 07 26	0220	208	650	3.20	100.0	42	1
133.0	40.0	25 32.5	113 44.0	AX	69 07 25	2327	214	594	3.61	100.0	43	32
133.0	50.0	25 13.3	114 23.0	AX	69 07 25	1820	208	639	3.26	100.0	83	16
133.0	60.0	24 53.9	115 02.5	AX	69 07 25	1312	207	651	3.18	100.0	57	33
137.0	22.0	25 36.1	112 14.7	AX	69 07 26	1435	31	139	2.20	100.0	50	761
137.0	23.0	25 34.1	112 18.8	AX	69 07 26	1604	57	177	3.25	100.0	6	301
137.0	30.0	25 19.8	112 45.6	AX	69 07 26	2020	202	623	3.25	100.0	34	79
137.0	35.0	25 10.0	113 04.5	AX	69 07 26	2245	206	601	3.42	100.0	93	173
137.0	40.0	24 59.1	113 23.1	AX	69 07 27	0306	206	642	3.21	100.0	32	130
137.0	50.0	24 38.8	114 04.2	AX	69 07 27	0906	203	649	3.13	100.0	18	39
137.0	60.0	24 20.0	114 39.1	AX	69 07 27	1505	210	658	3.20	100.0	134	38

TABLE 1. (cont.)

CalCOFI Cruise 6908

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.0	AX	69	08	10	0430	42	135	3.07	100.0	8	61
60.0	52.0	37	53.5	123	01.5	AX	69	08	10	0313	71	204	3.47	100.0	12	47
60.0	55.0	37	48.2	123	14.7	AX	69	08	10	0010	81	261	3.09	100.0	20	7
60.0	60.0	37	37.0	123	35.5	AX	69	08	09	2135	205	628	3.27	100.0	15	2
60.0	65.0	37	28.5	123	59.0	AX	69	08	09	1608	206	647	3.19	100.0	12	2
60.0	70.0	37	16.5	124	22.0	AX	69	08	09	1113	190	673	2.82	100.0	38	1
60.0	80.0	36	56.7	125	04.0	AX	69	08	09	0415	212	717	2.96	100.0	10	6
60.0	90.0	36	36.5	125	47.0	AX	69	08	08	2242	209	648	3.22	100.0	20	6
63.0	50.0	37	23.4	122	28.0	AX	69	08	10	0843	13	117	1.11	100.0	3	287
63.0	52.0	37	19.0	122	36.0	AX	69	08	10	1120	69	285	2.43	100.0	0	985
63.0	55.0	37	12.5	122	50.0	AX	69	08	10	1320	203	605	3.36	100.0	20	112
63.0	60.0	37	02.5	123	11.2	AX	69	08	10	1630	203	612	3.32	100.0	9	8
63.0	65.0	36	53.0	123	32.0	AX	69	08	10	1935	213	605	3.52	100.0	20	5
63.0	70.0	36	42.0	123	54.0	AX	69	08	10	2317	210	613	3.42	100.0	23	19
63.0	80.0	36	21.5	124	36.5	AX	69	08	11	0450	211	617	3.42	100.0	16	8
63.0	90.0	36	02.0	125	20.5	AX	69	08	11	1045	209	635	3.29	100.0	11	5
67.0	48.0	36	51.0	122	00.5	AX	69	08	14	0930	55	264	2.10	100.0	19	66
67.0	50.0	36	49.1	122	04.7	AX	69	08	14	1035	73	333	2.20	100.0	31	161
67.0	55.0	36	39.2	122	25.8	AX	69	08	12	1405	213	620	3.43	100.0	5	10
67.0	65.0	36	17.1	123	09.1	AX	69	08	12	0630	216	633	3.42	100.0	27	17
67.0	70.0	36	07.5	123	31.0	AX	69	08	12	0330	204	712	2.87	100.0	19	15
67.0	80.0	35	47.5	124	12.5	AX	69	08	11	2123	208	618	3.36	100.0	27	10
67.0	90.0	35	29.0	124	56.0	AX	69	08	11	1530	206	656	3.15	100.0	7	13
70.0	51.0	36	10.4	121	45.7	AX	69	08	14	1800	206	629	3.28	100.0	11	5
70.0	53.0	36	06.5	121	53.9	AX	69	08	14	2100	190	615	3.09	100.0	8	9
70.0	60.0	35	54.0	122	24.5	AX	69	08	15	0846	208	577	3.60	100.0	7	35
70.0	65.0	35	42.1	122	46.1	AX	69	08	15	1610	205	643	3.19	100.0	11	8
70.0	70.0	35	33.5	123	06.6	AX	69	08	15	2002	200	662	3.01	100.0	33	9
70.0	75.0	35	20.5	123	27.2	AX	69	08	16	0825	203	649	3.13	100.0	5	12
70.0	80.0	35	10.9	123	48.0	AX	69	08	17	0555	208	631	3.30	100.0	16	9
70.0	90.0	34	51.5	124	30.8	AX	69	08	17	1245	204	640	3.18	100.0	13	38
70.0	100.0	34	33.3	125	12.0	AX	69	08	18	1830	204	644	3.16	100.0	11	24
70.0	110.0	34	12.5	125	53.4	AX	69	08	18	1600	211	565	3.73	100.0	6	15
73.0	50.0	35	37.2	121	17.0	AX	69	08	21	0750	89	278	3.18	100.0	14	393
73.0	53.0	35	32.0	121	28.9	AX	69	08	21	0536	205	604	3.39	100.0	14	92
73.0	60.0	35	18.5	121	57.8	AX	69	08	21	0219	191	683	2.80	100.0	40	14
73.0	65.0	35	09.0	122	20.5	AX	69	08	20	2227	178	685	2.60	100.0	49	17
73.0	70.0	35	00.0	122	41.5	AX	69	08	20	2000	196	536	3.65	100.0	11	16
73.0	80.0	34	36.5	123	24.2	AX	69	08	20	1445	203	616	3.29	100.0	9	12
73.0	90.0	34	18.9	124	02.0	AX	69	08	20	1000	196	663	2.95	100.0	18	24
77.0	48.0	35	08.0	120	43.6	AX	69	08	21	1223	11	114	0.96	100.0	2	732
77.0	51.0	35	01.8	120	56.7	AX	69	08	21	1440	190	614	3.09	100.0	23	218
77.0	55.0	34	54.3	121	12.5	AX	69	08	21	1708	208	592	3.51	100.0	33	54
77.0	60.0	34	44.5	121	35.0	AX	69	08	21	2020	208	640	3.25	100.0	14	3
77.0	65.0	34	34.0	121	55.0	AX	69	08	21	2245	202	583	3.48	100.0	21	8

TABLE 1. (cont.)

CalCOFI Cruise 6908

Line	Station	Lat.(N) deg. min.	Long.(W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	70.0	34 25.0	122 17.0	AX	69 08 22	0153	211	587	3.59	100.0	20	8
77.0	80.0	34 04.0	122 58.0	AX	69 08 22	0700	209	582	3.60	100.0	5	17
77.0	90.0	33 46.1	123 38.0	AX	69 08 22	1220	201	620	3.23	100.0	6	3
80.0	51.0	34 26.0	120 32.7	AX	69 08 30	0758	57	263	2.16	100.0	34	653
80.0	52.0	34 25.1	120 37.1	AX	69 08 30	0510	210	601	3.50	100.0	59	222
80.0	55.0	34 18.7	120 48.7	AX	69 08 30	0222	204	598	3.42	100.0	33	21
80.0	60.0	34 09.0	121 08.8	AX	69 08 29	2220	204	616	3.31	100.0	8	1
80.0	65.0	33 59.0	121 30.0	AX	69 08 29	1816	202	623	3.25	100.0	19	4
80.0	70.0	33 48.5	121 51.5	AX	69 08 29	1515	201	661	3.04	100.0	7	6
80.0	80.0	33 28.8	122 37.2	AX	69 08 29	0820	191	664	2.87	100.0	8	9
80.0	90.0	33 09.0	123 07.0	AX	69 08 29	0020	209	523	3.99	100.0	22	6
82.0	47.0	34 15.0	119 58.8	AX	69 08 30	1327	183	679	2.69	100.0	121	102
83.0	40.0	34 13.7	119 21.7	AX	69 08 30	1745	16	90	1.80	100.0	43	152
83.0	43.0	34 07.9	119 34.4	AX	69 08 30	2005	200	625	3.19	100.0	265	331
83.0	51.0	33 52.2	120 07.8	AX	69 08 31	0130	96	375	2.55	100.0	249	45
83.0	55.0	33 44.2	120 24.5	AX	69 08 31	0355	214	677	3.16	100.0	72	8
83.0	60.0	33 34.7	120 45.2	AX	69 08 31	0655	199	485	4.11	100.0	9	10
83.0	70.0	33 12.5	121 25.0	AX	69 08 31	1208	192	588	3.26	100.0	3	8
83.0	80.0	32 51.1	122 07.7	AX	69 08 31	1742	204	581	3.50	100.0	89	378
83.0	90.0	32 34.0	122 47.5	AX	69 08 31	2210	194	636	3.05	100.0	65	19
87.0	33.0	33 53.9	118 29.4	AX	69 09 02	1155	37	142	2.60	100.0	171	222
87.0	35.0	33 50.0	118 37.7	AX	69 09 02	1030	179	659	2.71	100.0	62	37
87.0	40.0	33 40.0	118 58.4	AX	69 09 02	0650	196	593	3.31	100.0	399	95
87.0	45.0	33 29.5	119 19.5	AX	69 09 02	0250	198	616	3.21	100.0	118	356
87.0	50.0	33 19.6	119 39.5	AX	69 09 01	2315	54	280	1.94	100.0	99	59
87.0	55.0	33 09.8	120 00.0	AX	69 09 01	2015	185	657	2.81	100.0	36	17
87.0	60.0	33 02.0	120 21.5	AX	69 09 01	1720	201	627	3.20	100.0	8	31
87.0	70.0	32 38.1	121 02.8	AX	69 09 01	1230	201	628	3.19	100.0	10	15
87.0	80.0	32 21.1	121 42.5	AX	69 09 01	0740	188	659	2.86	100.0	22	41
87.0	90.0	32 00.0	122 25.2	AX	69 09 01	0255	211	610	3.46	100.0	95	16
90.0	28.0	33 28.4	117 47.0	AX	69 09 02	1930	192	624	3.08	100.0	144	59
90.0	32.0	33 21.0	118 01.7	AX	69 09 02	2215	169	698	2.42	100.0	148	76
90.0	37.0	33 10.8	118 23.0	AX	69 09 03	0205	206	547	3.76	100.0	140	57
90.0	39.0	33 07.0	118 30.4	AX	69 09 03	0435	197	583	3.38	100.0	45	24
90.0	45.0	32 54.0	118 56.2	AX	69 09 03	1640	200	635	3.15	100.0	166	219
90.0	53.0	32 39.0	119 28.6	AX	69 09 04	0720	185	647	2.86	100.0	7	1
90.0	60.0	32 24.8	119 57.0	AX	69 09 04	1300	203	700	2.90	100.0	7	7
90.0	70.0	32 05.0	120 39.3	AX	69 09 04	1845	190	526	3.60	100.0	12	6
90.0	80.0	31 44.3	121 19.5	AX	69 09 05	0115	191	626	3.06	100.0	38	29
90.0	90.0	31 24.0	122 01.0	AX	69 09 06	1610	192	661	2.91	100.0	54	13
93.0	35.0	32 41.3	117 52.0	AX	69 09 08	1255	198	623	3.18	100.0	534	791
93.0	40.0	32 30.5	118 11.3	AX	69 09 08	0918	191	617	3.09	100.0	31	104
93.0	45.0	32 20.2	118 31.5	AX	69 09 08	0533	203	600	3.38	100.0	19	2
93.0	50.0	32 10.2	118 52.5	AX	69 09 08	0248	182	663	2.75	100.0	123	42
93.0	60.0	31 50.0	119 34.0	AX	69 09 07	2108	183	662	2.76	100.0	32	23

TABLE 1. (cont.)

CalCOFI Cruise 6908

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	70.0	31	32.0	120	17.0	AX	69	09	07	1545	190	659	2.89	100.0	6	4
93.0	80.0	31	09.0	120	55.5	AX	69	09	07	1045	198	658	3.01	100.0	7	4
93.0	90.0	30	52.5	121	36.6	AX	69	09	07	0530	185	671	2.76	100.0	14	13

TABLE 1. (cont.)

CalCOFI Cruise 6909

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	27.0	32	56.0	117	18.8	AX	69	09	11	1515	111	399	2.78	100.0	18	19
93.0	28.0	32	54.9	117	21.8	AX	69	09	11	1706	194	665	2.92	100.0	51	10
93.0	30.0	32	50.4	117	30.8	AX	69	09	11	1945	193	657	2.93	100.0	213	8
97.0	29.0	32	17.7	117	04.6	AX	69	09	14	1010	20	115	1.74	100.0	57	82
97.0	30.0	32	16.2	117	07.2	AX	69	09	14	0931	32	155	2.09	100.0	33	42
97.0	32.0	32	12.0	117	15.7	AX	69	09	14	0752	206	623	3.31	100.0	34	32
97.0	35.0	32	11.2	117	30.4	AX	69	09	14	0450	193	651	2.97	100.0	45	10
97.0	40.0	32	00.7	117	49.3	AX	69	09	14	0100	199	634	3.14	100.0	45	8
97.0	45.0	31	45.8	118	07.8	AX	69	09	13	2117	204	612	3.34	100.0	56	6
97.0	50.0	31	35.0	118	30.0	AX	69	09	13	1834	193	648	2.98	100.0	12	26
97.0	55.0	31	26.2	118	48.0	AX	69	09	13	1533	185	655	2.82	100.0	9	82
97.0	60.0	31	15.6	119	10.2	AX	69	09	13	1255	173	743	2.33	100.0	10	91
97.0	70.0	30	55.0	119	50.2	AX	69	09	13	0807	189	631	2.99	100.0	22	116
97.0	80.0	30	34.7	120	31.2	AX	69	09	13	0230	194	650	2.99	100.0	5	34
97.0	90.0	30	15.5	121	10.0	AX	69	09	12	2125	194	657	2.96	100.0	36	62
100.0	29.0	31	42.6	116	43.9	AX	69	09	14	1419	72	266	2.70	100.0	13	20
100.0	30.0	31	40.3	116	46.4	AX	69	09	14	1640	203	583	3.47	100.0	28	8
100.0	35.0	31	30.2	117	07.2	AX	69	09	14	2015	193	642	3.01	100.0	125	0
100.0	40.0	31	20.8	117	27.0	AX	69	09	15	0055	201	727	2.77	100.0	85	18
100.0	45.0	31	10.8	117	46.1	AX	69	09	15	0320	208	605	3.43	100.0	161	19
100.0	50.0	31	00.8	118	07.0	AX	69	09	15	0650	201	615	3.28	100.0	190	56
100.0	55.0	30	47.8	118	27.4	AX	69	09	15	0948	206	611	3.38	100.0	173	219
100.0	60.0	30	40.9	118	48.2	AX	69	09	15	1343	220	603	3.65	100.0	129	57
100.0	70.0	30	20.6	119	27.5	AX	69	09	15	1921	212	577	3.67	100.0	449	143
100.0	80.0	30	01.0	120	07.0	AX	69	09	16	0145	210	594	3.53	100.0	99	125
100.0	90.0	29	39.5	120	44.3	AX	69	09	16	0720	213	584	3.65	100.0	38	237
103.0	29.0	31	06.8	116	21.8	AX	69	09	15	2145	27	148	1.80	100.0	64	368
103.0	30.0	31	05.8	116	24.5	AX	69	09	15	2100	43	226	1.89	100.0	58	15
103.0	35.0	30	54.5	116	49.0	AX	69	09	17	1352	211	609	3.47	100.0	92	23
103.0	40.0	30	45.6	117	04.4	AX	69	09	17	1109	214	594	3.60	100.0	15	15
103.0	45.0	30	36.7	117	23.2	AX	69	09	17	0810	206	625	3.29	100.0	42	6
103.0	50.0	30	28.8	117	45.2	AX	69	09	17	0530	216	603	3.58	100.0	264	32
103.0	55.0	30	15.8	118	05.1	AX	69	09	17	0212	208	622	3.34	100.0	422	32
103.0	60.0	30	07.5	118	24.0	AX	69	09	16	2342	206	629	3.27	100.0	123	34
103.0	70.0	29	50.1	119	05.0	AX	69	09	16	1859	204	626	3.25	100.0	351	46
103.0	80.0	29	27.5	119	43.0	AX	69	09	16	1405	205	746	2.75	100.0	495	103
107.0	31.0	30	27.5	116	06.6	AX	69	10	07	2006	36	114	3.14	100.0	9	37
107.0	32.0	30	26.0	116	11.0	AX	69	09	19	0223	65	245	2.67	100.0	39	5
107.0	35.0	30	21.5	116	22.5	AX	69	09	19	0415	215	605	3.55	100.0	143	25
107.0	40.0	30	11.2	116	42.0	AX	69	09	19	0720	217	572	3.79	100.0	48	45
107.0	45.0	30	01.6	117	01.4	AX	69	09	19	0955	198	613	3.24	100.0	99	56
107.0	50.0	29	51.1	117	23.8	AX	69	09	19	1300	202	629	3.22	100.0	464	18
107.0	55.0	29	41.0	117	42.3	AX	69	09	19	1537	195	682	2.86	100.0	109	31
107.0	60.0	29	31.0	118	01.2	AX	69	09	19	1842	194	691	2.81	100.0	119	47
107.0	70.0	29	12.5	118	41.3	AX	69	09	19	2328	212	622	3.40	100.0	163	42

TABLE 1. (cont.)

CalCOFI Cruise 6909

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	80.0	28	52.0	119	20.9	AX	69	09	20	0322	186	694	2.68	100.0	193	37
110.0	32.0	29	52.0	115	47.7	AX	69	09	21	2000	17	86	1.96	100.0	10	72
110.0	35.0	29	46.2	116	00.0	AX	69	09	21	1724	194	672	2.88	100.0	14	4
110.0	40.0	29	39.3	116	22.4	AX	69	09	21	1323	211	618	3.41	100.0	24	5
110.0	45.0	29	28.5	116	39.0	AX	69	09	21	0902	193	679	2.84	100.0	19	2
110.0	50.0	29	15.0	117	01.8	AX	69	09	21	0545	190	697	2.72	100.0	38	92
110.0	60.0	28	56.3	117	38.2	AX	69	09	20	2305	198	648	3.06	100.0	87	29
110.0	70.0	28	36.7	118	17.7	AX	69	09	20	1700	202	623	3.24	100.0	78	68
110.0	80.0	28	16.5	118	56.3	AX	69	09	20	1050	196	652	3.00	100.0	348	110
113.0	29.0	29	24.3	115	14.1	AX	69	09	22	0043	25	112	2.26	100.0	14	91
113.0	30.0	29	22.4	115	18.0	AX	69	09	22	0126	53	135	3.95	100.0	11	241
113.0	35.0	29	11.3	115	38.0	AX	69	09	22	0422	200	663	3.02	100.0	86	14
113.0	40.0	29	06.1	115	57.0	AX	69	09	22	0709	205	629	3.26	100.0	9	8
113.0	45.0	28	51.0	116	17.6	AX	69	09	22	0943	196	651	3.00	100.0	35	2
113.0	50.0	28	41.0	116	37.0	AX	69	09	22	1235	205	635	3.23	100.0	40	41
113.0	60.0	28	24.7	117	17.0	AX	69	09	22	1730	206	623	3.30	100.0	25	14
113.0	70.0	28	02.3	117	54.5	AX	69	09	22	2234	203	633	3.21	100.0	766	59
113.0	80.0	27	42.1	118	32.6	AX	69	09	23	0320	199	651	3.06	100.0	726	59
117.0	25.0	28	57.8	114	37.3	AX	69	09	24	2115	44	187	2.35	100.0	74	41
117.0	26.0	28	55.7	114	41.0	AX	69	09	24	2026	66	128	5.18	100.0	63	166
117.0	30.0	28	48.2	114	57.0	AX	69	09	24	1825	89	370	2.41	100.0	13	313
117.0	35.0	28	38.2	115	15.6	AX	69	09	24	1545	188	641	2.92	100.0	23	264
117.0	40.0	28	28.0	115	35.5	AX	69	09	24	0454	211	582	3.62	100.0	10	14
117.0	45.0	28	18.1	115	56.0	AX	69	09	24	0140	208	616	3.38	100.0	56	17
117.0	50.0	28	09.0	116	16.7	AX	69	09	23	2255	196	623	3.15	100.0	155	17
117.0	60.0	27	44.0	116	49.8	AX	69	09	23	1800	204	638	3.20	100.0	29	44
117.0	70.0	27	28.0	117	32.1	AX	69	09	23	1308	202	642	3.16	100.0	84	15
117.0	80.0	27	05.7	118	07.2	AX	69	09	23	0822	199	646	3.08	100.0	313	50
118.0	39.0	28	18.5	115	23.8	AX	69	09	24	0744	191	588	3.26	100.0	28	37
119.0	33.0	28	19.0	114	53.0	AX	69	09	25	0745	103	336	3.07	100.0	32	948
120.0	24.0	28	26.1	114	12.0	AX	69	09	25	0132	24	115	2.11	100.0	681	1396
120.0	25.0	28	22.9	114	15.2	AX	69	09	25	0214	47	210	2.25	100.0	202	481
120.0	30.0	28	13.0	114	34.0	AX	69	09	25	0435	82	283	2.88	100.0	16	569
120.0	35.0	28	03.0	114	54.1	AX	69	09	25	0950	67	269	2.48	100.0	73	1227
120.0	40.0	27	56.5	115	14.1	AX	69	09	25	1854	29	151	1.94	100.0	32	453
120.0	45.0	27	43.1	115	32.8	AX	69	09	25	0820	197	675	2.91	100.0	36	29
120.0	50.0	27	31.3	115	53.7	AX	69	09	26	1825	200	684	2.92	100.0	417	9
120.0	55.0	27	23.3	116	12.0	AX	69	09	26	0815	211	609	3.46	100.0	126	38
120.0	60.0	27	11.2	116	30.3	AX	69	09	28	1658	208	638	3.25	100.0	134	46
120.0	70.0	26	53.0	117	10.0	AX	69	09	27	0740	198	640	3.09	100.0	250	27
120.0	80.0	26	30.5	117	48.4	AX	69	09	28	1740	207	637	3.25	100.0	91	27
120.0	90.0	26	12.7	118	27.8	AX	69	09	28	0740	198	642	3.09	100.0	59	60
123.0	36.0	27	26.1	114	36.2	AX	69	09	30	1550	47	170	2.77	100.0	52	1024
123.0	37.0	27	24.1	114	40.0	AX	69	09	30	1505	56	190	2.97	100.0	24	295
123.0	42.0	27	14.0	114	59.3	AX	69	09	30	1228	212	647	3.27	100.0	9	26

TABLE 1. (cont.)

CalCOFI Cruise 6909

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
123.0	45.0	27	08.0	115	10.7	AX	69	09	30	1020	213	624	3.41	100.0	25	17
123.0	50.0	26	58.0	115	30.5	AX	69	09	30	0730	206	633	3.25	100.0	74	8
123.0	60.0	26	38.0	116	07.1	AX	69	09	30	0308	201	643	3.13	100.0	515	179
127.0	33.0	26	57.3	114	02.5	AX	69	09	30	2055	60	212	2.82	100.0	28	533
127.0	34.0	26	55.4	114	06.2	AX	69	09	30	2145	77	242	3.17	100.0	15	485
127.0	40.0	26	43.3	114	29.6	AX	69	10	01	0045	209	578	3.62	100.0	143	14
127.0	45.0	26	33.5	114	49.3	AX	69	10	01	0308	214	592	3.60	100.0	120	28
127.0	50.0	26	22.7	115	03.0	AX	69	10	01	0558	202	666	3.04	100.0	11	48
127.0	60.0	26	03.2	115	46.5	AX	69	10	01	1035	214	578	3.69	100.0	46	40
130.0	28.0	26	33.6	113	21.6	AX	69	10	02	1154	38	168	2.26	100.0	192	670
130.0	30.0	26	29.5	113	29.2	AX	69	10	02	1029	62	209	2.94	100.0	26	177
130.0	35.0	26	18.8	113	48.7	AX	69	10	02	0708	203	637	3.18	100.0	64	18
130.0	40.0	26	08.6	114	07.2	AX	69	10	02	0435	210	614	3.42	100.0	136	449
130.0	45.0	25	59.0	114	26.5	AX	69	10	02	0045	208	624	3.33	100.0	294	70
130.0	50.0	25	49.0	114	46.5	AX	69	10	01	2200	206	620	3.33	100.0	124	220
130.0	60.0	25	29.5	115	23.1	AX	69	10	01	1603	197	636	3.09	100.0	22	15
133.0	23.0	26	08.5	112	40.3	AX	69	10	02	2338	70	217	3.25	100.0	207	329
133.0	25.0	26	04.7	112	48.0	AX	69	10	03	0000	68	226	2.99	100.0	82	156
133.0	30.0	25	54.5	113	07.2	AX	69	10	03	0324	182	527	3.45	100.0	26	3
133.0	35.0	25	43.8	113	26.1	AX	69	10	03	0550	204	618	3.30	100.0	12	134
133.0	40.0	25	34.8	113	44.7	AX	69	10	03	0850	212	603	3.51	100.0	20	195
133.0	50.0	25	13.8	114	24.2	AX	69	10	03	1338	207	640	3.23	100.0	39	56
133.0	60.0	24	54.6	115	02.4	AX	69	10	03	1745	208	629	3.31	100.0	113	65
137.0	22.0	25	36.0	112	15.0	AX	69	10	04	2319	45	163	2.78	100.0	175	394
137.0	23.0	25	34.0	112	19.0	AX	69	10	04	2210	71	224	3.17	100.0	101	501
137.0	30.0	25	20.0	112	45.5	AX	69	10	04	1823	207	504	4.10	100.0	0	1
137.0	35.0	25	10.0	113	05.2	AX	69	10	04	1510	212	610	3.48	100.0	12	2
137.0	40.0	25	00.7	113	23.8	AX	69	10	04	1210	201	666	3.02	100.0	12	95
137.0	50.0	24	38.9	113	57.6	AX	69	10	04	0545	203	635	3.21	100.0	26	240
137.0	60.0	24	19.8	114	37.0	AX	69	10	03	2340	206	640	3.23	100.0	85	140

TABLE 1. (cont.)

CalCOFI Cruise 6910

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	50.0	37	57.5	122	53.1	JD	69	10	10	1028	32	116	2.73	100.0	5	250
60.0	52.0	37	54.0	123	01.7	JD	69	10	10	0858	63	181	3.49	100.0	11	289
60.0	55.0	37	47.0	123	15.0	JD	69	10	10	0635	61	203	3.02	100.0	0	5
60.0	60.0	37	37.0	123	37.0	JD	69	10	10	0414	197	603	3.26	100.0	16	3
60.0	65.0	37	27.0	123	58.5	JD	69	10	10	0037	213	571	3.74	100.0	4	0
60.0	70.0	37	17.0	124	21.0	JD	69	10	09	2140	200	632	3.17	100.0	17	9
60.0	80.0	36	56.5	125	04.0	JD	69	10	09	1635	202	640	3.15	100.0	1	3
60.0	90.0	36	37.0	125	47.0	JD	69	10	09	1100	208	456	4.56	100.0	2	23
63.0	50.0	37	23.3	122	27.8	JD	69	10	11	0222	28	79	3.60	100.0	5	37
63.0	52.0	37	19.0	122	36.0	JD	69	10	11	0332	75	258	2.90	100.0	12	91
63.0	55.0	37	13.0	122	50.0	JD	69	10	11	0525	201	669	3.01	100.0	124	81
63.0	60.0	37	02.5	123	11.5	JD	69	10	11	0809	201	624	3.22	100.0	1	18
63.0	65.0	36	53.0	123	33.0	JD	69	10	11	1040	209	608	3.45	100.0	12	13
63.0	70.0	36	43.2	123	54.6	JD	69	10	11	1338	210	605	3.48	100.0	8	27
63.0	80.0	36	22.0	127	37.5	JD	69	10	11	1755	206	589	3.50	100.0	10	32
63.0	90.0	36	03.0	125	20.0	JD	69	10	11	2226	209	629	3.32	100.0	22	40
67.0	48.0	36	53.0	121	56.0	JD	69	10	13	0458	33	86	3.88	100.0	34	3093
67.0	50.0	36	48.0	122	05.0	JD	69	10	13	0338	89	273	3.27	100.0	91	1785
67.0	55.0	36	39.0	122	26.0	JD	69	10	13	0004	209	618	3.38	100.0	54	21
67.0	60.0	36	28.0	122	47.0	JD	69	10	12	2129	208	582	3.57	100.0	21	33
67.0	65.0	36	18.0	123	09.0	JD	69	10	12	1818	199	631	3.16	100.0	41	42
67.0	70.0	36	08.0	123	29.5	JD	69	10	12	1558	197	630	3.12	100.0	8	14
67.0	80.0	35	48.0	124	12.0	JD	69	10	12	1133	208	586	3.54	100.0	5	26
67.0	90.0	35	28.0	124	55.0	JD	69	10	12	0640	201	600	3.35	100.0	13	18
70.0	51.0	36	11.3	121	43.9	JD	69	10	17	1416	209	614	3.40	100.0	1	3
70.0	53.0	36	06.5	121	54.0	JD	69	10	17	1740	193	661	2.92	100.0	11	13
70.0	60.0	35	53.0	122	22.5	JD	69	10	18	0025	198	667	2.97	100.0	10	11
70.0	65.0	35	43.0	122	45.0	JD	69	10	18	0252	210	634	3.32	100.0	13	5
70.0	70.0	35	33.0	123	06.0	JD	69	10	18	0630	207	686	3.02	100.0	1	6
70.0	80.0	35	13.5	123	47.5	JD	69	10	18	1204	213	604	3.53	100.0	2	11
70.0	90.0	34	53.0	124	30.0	JD	69	10	18	1745	196	668	2.94	100.0	3	9
73.0	50.0	35	37.0	121	17.0	JD	69	10	19	2050	103	324	3.17	100.0	10	232
73.0	53.0	35	31.5	121	28.5	JD	69	10	19	1907	207	614	3.37	100.0	12	40
73.0	60.0	35	17.5	121	58.0	JD	69	10	19	1513	204	598	3.42	100.0	9	6
73.0	65.0	35	08.0	122	19.0	JD	69	10	19	1145	207	614	3.38	100.0	0	1
73.0	70.0	34	58.0	122	40.0	JD	69	10	19	0859	208	400	3.27	100.0	2	9
73.0	80.0	34	38.0	123	22.0	JD	69	10	19	0358	202	622	3.24	100.0	20	9
73.0	90.0	34	18.5	124	04.0	JD	69	10	18	2318	204	646	3.16	100.0	16	19
77.0	48.0	35	06.7	120	46.5	JD	69	10	20	0100	40	150	2.69	100.0	28	24
77.0	51.0	35	02.0	120	56.5	JD	69	10	20	0241	204	606	3.37	100.0	32	25
77.0	55.0	34	54.5	121	12.5	JD	69	10	20	0532	204	624	3.27	100.0	26	102
77.0	60.0	34	44.0	121	34.0	JD	69	10	20	0841	210	603	3.49	100.0	7	14
77.0	65.0	34	34.0	121	55.0	JD	69	10	20	1118	202	608	3.33	100.0	6	11
77.0	70.0	34	24.2	121	16.0	JD	69	10	20	1400	207	587	3.53	100.0	7	29
77.0	80.0	34	04.0	122	55.0	JD	69	10	20	1840	211	562	3.76	100.0	39	24

TABLE 1. (cont.)

CalCOFI Cruise 6910

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	90.0	33	43.0	123	39.0	JD	69	10	20	2314	200	654	3.06	100.0	8	9
80.0	51.0	34	26.0	120	32.5	JD	69	10	22	0700	93	306	3.04	100.0	8	19
80.0	52.0	34	24.3	120	36.5	JD	69	10	22	0527	195	649	3.01	100.0	23	20
80.0	55.0	34	19.0	120	48.0	JD	69	10	22	0239	208	610	3.42	100.0	35	37
80.0	60.0	34	09.0	121	09.0	JD	69	10	21	2324	204	622	3.28	100.0	59	55
80.0	65.0	33	59.0	121	30.0	JD	69	10	21	1947	198	635	3.13	100.0	16	14
80.0	80.0	33	28.7	122	32.0	JD	69	10	21	1115	208	615	3.39	100.0	2	21
80.0	90.0	33	09.0	123	13.0	JD	69	10	21	0412	197	659	2.99	100.0	29	57
82.0	47.0	34	17.0	119	59.0	JD	69	10	22	1135	208	631	3.29	100.0	65	123
83.0	40.0	34	14.0	119	22.0	JD	69	10	22	1515	15	60	2.44	100.0	48	34
83.0	43.0	34	08.0	119	34.0	JD	69	10	22	1713	207	588	3.53	100.0	129	25
83.0	51.0	33	52.0	120	08.5	JD	69	10	22	2146	92	302	3.06	100.0	86	105
83.0	55.0	33	44.0	120	24.5	JD	69	10	22	2340	208	576	3.61	100.0	20	12
83.0	60.0	33	34.0	120	45.0	JD	69	10	23	0245	198	627	3.16	100.0	11	8
83.0	70.0	33	14.0	121	26.0	JD	69	10	23	0808	198	650	3.04	100.0	4	13
83.0	80.0	32	54.0	122	08.0	JD	69	10	23	1249	206	617	3.34	100.0	2	13
83.0	90.0	32	34.5	122	48.0	JD	69	10	23	1730	199	641	3.11	100.0	9	37
87.0	33.0	33	54.2	118	29.4	JD	69	10	25	0230	41	138	3.00	100.0	54	56
87.0	35.0	33	50.0	118	37.5	JD	69	10	25	0107	208	590	3.52	100.0	26	0
87.0	40.0	33	40.0	118	58.0	JD	69	10	24	2203	207	595	3.48	100.0	192	132
87.0	45.0	33	50.0	118	37.5	JD	69	10	24	1852	200	605	3.31	100.0	54	19
87.0	50.0	33	20.0	119	39.5	JD	69	10	24	1610	58	205	2.84	100.0	41	47
87.0	55.0	33	09.7	119	59.5	JD	69	10	24	1338	208	631	3.30	100.0	4	6
87.0	60.0	33	00.0	120	21.5	JD	69	10	24	1103	209	592	3.54	100.0	4	14
87.0	70.0	32	40.0	121	05.0	JD	69	10	24	0640	199	642	3.10	100.0	10	17
87.0	80.0	32	19.5	121	43.0	JD	69	10	24	0210	208	618	3.36	100.0	43	19
87.0	90.0	31	59.0	122	24.0	JD	69	10	23	2145	203	616	3.30	100.0	65	53
90.0	28.0	33	28.5	117	46.5	JD	69	10	25	0735	169	504	3.35	100.0	52	19
90.0	32.0	33	20.5	118	03.0	JD	69	10	25	1004	205	593	3.46	100.0	97	7
90.0	37.0	33	11.0	118	22.5	JD	69	10	25	1332	209	615	3.41	100.0	32	21
90.0	45.0	32	54.5	118	55.5	JD	69	10	25	1830	209	599	3.49	100.0	9	24
90.0	53.0	32	29.0	119	28.5	JD	69	10	25	2310	203	588	3.45	100.0	21	5
90.0	60.0	32	24.8	119	57.8	JD	69	10	26	0323	207	621	3.33	100.0	9	12
90.0	70.0	32	05.0	120	38.5	JD	69	10	26	0856	206	599	3.44	100.0	6	6
90.0	80.0	31	44.5	121	19.5	JD	69	10	26	1507	210	628	3.35	100.0	18	15
90.0	90.0	31	24.0	122	01.0	JD	69	10	26	2031	205	646	3.18	100.0	93	14
90.0	100.0	31	05.0	122	39.0	JD	69	10	27	0133	207	622	3.33	100.0	59	13
90.0	120.0	30	25.0	124	00.0	JD	69	10	27	1011	204	660	3.09	100.0	23	11
90.0	140.0	29	45.0	125	19.5	JD	69	10	27	1819	205	632	3.25	100.0	103	11
93.0	27.0	32	56.0	117	19.0	JD	69	10	30	0657	73	237	3.10	100.0	31	923
93.0	28.0	32	54.6	117	21.7	JD	69	10	30	0557	199	597	3.34	100.0	108	505
93.0	30.0	32	50.5	117	31.0	JD	69	10	30	0412	204	597	3.41	100.0	4	2
93.0	35.0	32	40.5	117	51.5	JD	69	10	30	0115	209	601	3.48	100.0	6	4
93.0	40.0	32	30.0	118	11.5	JD	69	10	29	2212	202	653	3.09	100.0	19	4
93.0	45.0	32	20.0	118	32.0	JD	69	10	29	1917	200	631	3.17	100.0	11	3

TABLE 1. (cont.)

CalCOFI Cruise 6910

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	50.0	32	10.0	118	52.5	JD	69	10	29	1701	201	616	3.26	100.0	7	4
93.0	55.0	32	00.0	119	13.5	JD	69	10	29	1417	207	642	3.23	100.0	3	3
93.0	60.0	31	50.0	119	34.0	JD	69	10	29	1142	207	354	3.20	100.0	3	15
93.0	70.0	31	30.0	120	14.0	JD	69	10	29	0702	215	604	3.56	100.0	3	92
93.0	80.0	31	10.0	120	54.5	JD	69	10	29	0225	213	627	3.40	100.0	10	7
93.0	90.0	30	50.0	121	34.5	JD	69	10	28	2113	193	683	2.82	100.0	25	18
93.0	100.0	30	30.0	122	14.0	JD	69	10	28	1615	211	619	3.41	100.0	5	15
93.0	120.0	29	49.0	123	35.0	JD	69	10	28	0738	207	654	3.17	100.0	49	21
93.0	140.0	29	09.0	124	53.0	JD	69	10	27	2313	207	651	3.17	100.0	116	16
97.0	29.0	32	17.6	117	04.8	AX	69	10	20	1850	37	166	2.23	100.0	28	155
97.0	30.0	32	15.6	117	07.2	AX	69	10	20	1925	58	189	3.06	100.0	21	42
97.0	32.0	32	11.8	117	15.4	AX	69	10	20	2150	212	706	3.01	100.0	49	847
97.0	35.0	32	05.5	117	27.6	AX	69	10	21	0100	185	726	2.55	100.0	104	1
97.0	40.0	31	55.8	117	48.2	AX	69	10	21	0455	223	665	3.35	100.0	483	7
97.0	45.0	31	45.8	118	08.7	AX	69	10	21	0800	222	53	3.28	100.0	17	12
97.0	50.0	31	34.3	118	30.5	AX	69	10	21	1050	228	632	3.61	100.0	9	6
97.0	55.0	31	25.5	118	49.0	AX	69	10	21	1315	212	622	3.41	100.0	8	6
97.0	60.0	31	15.7	119	10.0	AX	69	10	21	1655	213	691	3.09	100.0	5	5
97.0	70.0	30	55.8	119	51.2	AX	69	10	21	2150	217	700	3.11	100.0	85	34
97.0	80.0	30	34.5	120	32.2	AX	69	10	22	0250	200	716	2.80	100.0	15	16
97.0	90.0	30	15.7	121	10.5	AX	69	10	22	0745	213	701	3.04	100.0	6	19
100.0	29.0	31	42.2	116	43.5	AX	69	10	24	0630	85	354	2.40	100.0	1	38
100.0	30.0	31	40.5	116	46.8	AX	69	10	24	0535	209	685	3.06	100.0	25	2
100.0	35.0	31	30.5	117	05.0	AX	69	10	24	0055	214	671	3.19	100.0	39	2
100.0	40.0	31	21.7	117	27.0	AX	69	10	23	2105	212	661	3.21	100.0	43	8
100.0	45.0	31	10.5	117	47.5	AX	69	10	23	1733	208	706	2.94	100.0	33	2
100.0	50.0	30	58.2	118	06.8	AX	69	10	23	1350	215	683	3.16	100.0	8	5
100.0	55.0	30	50.2	118	26.8	AX	69	10	23	1020	212	706	3.00	100.0	8	14
100.0	60.0	30	39.1	118	47.8	AX	69	10	23	0730	201	742	2.71	100.0	9	4
100.0	70.0	30	20.0	119	27.5	AX	69	10	23	0100	215	643	3.34	100.0	221	10
100.0	80.0	30	05.0	120	04.5	AX	69	10	22	2005	225	674	3.34	100.0	119	16
100.0	90.0	29	40.2	120	46.2	AX	69	10	22	1325	215	691	3.12	100.0	21	14
103.0	29.0	31	06.8	116	21.0	AX	69	10	25	1100	25	132	1.93	100.0	8	511
103.0	30.0	31	06.0	116	24.5	AX	69	10	25	1200	68	244	2.80	100.0	18	34
103.0	35.0	30	56.0	116	45.0	AX	69	10	25	1440	215	675	3.19	100.0	11	4
103.0	40.0	30	46.0	117	04.8	AX	69	10	25	1750	207	724	2.86	100.0	65	6
103.0	45.0	30	36.3	117	24.2	AX	69	10	25	2025	214	680	3.15	100.0	14	8
103.0	50.0	30	26.0	117	45.0	AX	69	10	25	2320	196	685	2.87	100.0	116	18
103.0	55.0	30	16.0	118	05.2	AX	69	10	26	0140	218	649	3.36	100.0	75	18
103.0	60.0	30	06.5	118	24.7	AX	69	10	26	0455	209	614	3.41	100.0	45	18
103.0	70.0	29	46.3	119	05.0	AX	69	10	26	0935	194	740	2.60	100.0	28	2
103.0	80.0	29	25.0	119	45.0	AX	69	10	26	1422	203	708	2.88	100.0	77	12
107.0	31.0	30	27.8	116	07.0	AX	69	10	27	2310	33	124	2.71	100.0	9	43
107.0	32.0	30	26.1	116	11.1	AX	69	10	27	2210	214	640	3.34	100.0	42	93
107.0	35.0	30	21.7	116	23.0	AX	69	10	27	2015	214	676	3.17	100.0	40	169

TABLE 1. (cont.)

CalCOFI Cruise 6910

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	40.0	30	11.9	116	42.3	AX	69	10	27	1730	217	659	3.30	100.0	16	5
107.0	45.0	30	01.2	117	01.5	AX	69	10	27	1425	213	681	3.13	100.0	7	6
107.0	50.0	29	51.3	117	21.8	AX	69	10	27	1145	204	711	2.88	100.0	24	8
107.0	55.0	29	41.0	117	42.0	AX	69	10	27	0825	204	709	2.88	100.0	12	4
107.0	60.0	29	31.6	118	01.4	AX	69	10	27	0545	217	698	3.11	100.0	19	6
107.0	70.0	29	11.2	118	41.0	AX	69	10	27	0030	201	713	2.82	100.0	85	21
107.0	80.0	28	51.9	119	19.3	AX	69	10	26	1925	210	459	4.57	100.0	119	7
110.0	32.0	29	51.8	115	48.8	AX	69	10	28	0305	22	131	1.69	100.0	18	31
110.0	35.0	29	46.3	116	00.6	AX	69	10	28	0610	212	672	3.16	100.0	4	2
110.0	40.0	29	36.5	116	19.7	AX	69	10	28	1015	195	697	2.79	100.0	21	2
110.0	45.0	29	26.5	116	39.3	AX	69	10	28	1230	201	704	2.85	100.0	4	17
110.0	50.0	29	16.5	116	59.2	AX	69	10	28	1615	215	682	3.15	100.0	5	1
110.0	60.0	28	56.8	117	38.6	AX	69	10	28	2125	202	691	2.92	100.0	17	4
110.0	70.0	28	36.3	118	19.5	AX	69	10	29	0310	186	771	2.41	100.0	53	18
110.0	80.0	28	17.2	118	55.2	AX	69	10	29	0840	220	681	3.23	100.0	70	208
113.0	29.0	29	24.2	115	13.2	AX	69	10	30	1555	17	142	1.24	100.0	133	101
113.0	30.0	29	21.9	115	18.0	AX	69	10	30	1500	51	217	2.38	100.0	21	91
113.0	35.0	29	11.5	115	38.0	AX	69	10	30	1214	210	694	3.03	100.0	8	23
113.0	40.0	29	03.0	115	58.7	AX	69	10	30	0925	211	687	3.07	100.0	8	20
113.0	45.0	28	52.8	116	17.8	AX	69	10	30	0625	218	699	3.12	100.0	16	6
113.0	50.0	28	41.8	116	36.9	AX	69	10	30	0350	197	752	2.62	100.0	87	12
113.0	60.0	28	22.0	117	15.5	AX	69	10	29	2315	204	698	2.93	100.0	41	9
113.0	70.0	28	03.0	117	53.9	AX	69	10	29	1845	215	682	3.15	100.0	26	20
113.0	80.0	27	41.8	118	32.1	AX	69	10	29	1345	216	687	3.14	100.0	102	47
117.0	25.0	28	58.2	114	36.8	AX	69	10	30	2015	41	205	2.02	100.0	191	77
117.0	26.0	28	56.0	114	41.5	AX	69	10	30	2100	66	186	3.55	100.0	78	216
117.0	30.0	28	48.3	114	56.9	AX	69	10	31	1355	74	319	2.33	100.0	8	531
117.0	35.0	28	38.0	115	16.0	AX	69	10	31	1620	145	455	3.19	100.0	1	81
117.0	40.0	28	28.0	115	35.3	AX	69	10	31	2210	221	644	3.44	100.0	42	29
117.0	45.0	28	18.3	115	55.7	AX	69	11	01	0033	201	663	3.04	100.0	19	17
117.0	50.0	28	08.0	116	15.1	AX	69	11	01	0315	196	687	2.85	100.0	55	10
117.0	60.0	27	47.9	116	53.2	AX	69	11	01	0810	221	634	3.50	100.0	6	35
117.0	70.0	27	26.0	117	33.3	AX	69	11	01	1235	199	671	2.96	100.0	85	65
117.0	80.0	27	07.4	118	10.1	AX	69	11	01	1705	207	671	3.08	100.0	57	137
118.0	39.0	28	18.6	115	24.3	AX	69	10	31	1923	191	636	3.01	100.0	36	65
119.0	33.0	28	19.0	114	52.8	AX	69	10	31	1005	93	342	2.73	100.0	51	226
120.0	24.0	28	24.2	114	10.8	AX	69	10	31	0115	27	174	1.57	100.0	325	563
120.0	25.0	28	22.6	114	15.0	AX	69	10	31	0150	42	196	2.14	100.0	824	577
120.0	30.0	28	12.4	114	34.0	AX	69	10	31	0545	73	343	2.13	100.0	21	861
120.0	35.0	28	02.8	114	54.0	AX	69	10	31	0735	71	204	3.49	100.0	3	135
120.0	40.0	27	56.4	115	14.2	AX	69	11	02	2308	26	149	1.74	100.0	44	149
120.0	45.0	27	43.2	115	33.2	AX	69	11	02	2003	206	660	3.12	100.0	36	6
120.0	50.0	27	33.0	115	52.4	AX	69	11	02	1605	207	688	3.01	100.0	15	8
120.0	60.0	27	13.2	116	29.6	AX	69	11	02	1025	205	668	3.07	100.0	8	3
120.0	70.0	26	56.4	117	11.4	AX	69	11	02	0435	216	547	3.94	100.0	469	21

TABLE 1. (cont.)

CalCOFI Cruise 6910

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	80.0	26	32.3	117	49.0	AX	69	11	01	2215	210	634	3.31	100.0	156	37
123.0	36.0	27	26.1	114	36.2	AX	69	11	03	0405	48	176	2.74	100.0	1	235
123.0	37.0	27	24.4	114	39.9	AX	69	11	03	0500	59	216	2.76	100.0	8	237
123.0	42.0	27	13.5	114	59.3	AX	69	11	03	2110	211	630	3.35	100.0	21	19
123.0	45.0	27	08.1	115	10.6	AX	69	11	03	2245	196	653	3.01	100.0	70	7
123.0	50.0	26	57.8	115	31.2	AX	69	11	04	0140	202	653	3.10	100.0	38	2
123.0	60.0	26	35.5	116	15.5	AX	69	11	04	0625	195	636	3.07	100.0	6	0
127.0	33.0	26	57.8	114	02.4	AX	69	11	05	0050	50	202	2.46	100.0	15	373
127.0	34.0	26	55.5	114	06.1	AX	69	10	05	0000	63	243	2.61	100.0	9	237
127.0	40.0	26	43.5	114	28.6	AX	69	11	04	2110	195	675	2.89	100.0	52	2
127.0	45.0	26	33.7	114	48.7	AX	69	11	04	1808	195	668	2.92	100.0	36	7
127.0	50.0	26	23.6	115	08.0	AX	69	11	04	1532	192	681	2.83	100.0	3	4
127.0	60.0	26	03.5	115	47.0	AX	69	11	04	1100	207	630	3.30	100.0	31	30
130.0	28.0	26	32.6	113	21.0	AX	69	11	05	0517	43	186	2.35	100.0	70	503
130.0	30.0	26	28.5	113	28.8	AX	69	11	05	0654	63	244	2.57	100.0	22	122
130.0	35.0	26	18.9	113	48.1	AX	69	11	05	0915	203	678	3.00	100.0	21	46
130.0	40.0	26	07.4	114	07.1	AX	69	11	05	1238	202	628	3.22	100.0	17	60
130.0	45.0	25	58.7	114	27.8	AX	69	11	05	1520	199	665	2.99	100.0	6	165
130.0	50.0	25	48.0	114	47.9	AX	69	11	05	1935	193	681	2.83	100.0	98	140
130.0	60.0	25	29.1	115	24.0	AX	69	11	06	0230	199	666	2.99	100.0	117	57
133.0	23.0	26	08.1	112	39.8	AX	69	11	07	0448	57	234	2.44	100.0	18	187
133.0	25.0	26	04.6	112	48.2	AX	69	11	07	0237	66	238	2.80	100.0	50	158
133.0	30.0	25	56.0	113	06.4	AX	69	11	07	0031	117	400	2.92	100.0	13	8
133.0	35.0	25	43.8	113	26.6	AX	69	11	06	1955	209	630	3.33	100.0	7	825
133.0	40.0	25	34.0	113	45.1	AX	69	11	06	1725	192	697	2.75	100.0	19	47
133.0	50.0	25	14.5	114	24.0	AX	69	11	06	1245	189	714	2.65	100.0	39	70
133.0	60.0	24	54.7	115	02.0	AX	69	11	06	0810	201	590	3.41	100.0	19	47
137.0	22.0	25	37.0	112	15.0	AX	69	11	07	0735	39	160	2.45	100.0	7	95
137.0	23.0	25	34.8	112	19.4	AX	69	11	07	0825	67	238	2.81	100.0	109	450
137.0	30.0	25	19.6	112	45.7	AX	69	11	07	1200	204	685	2.98	100.0	0	0
137.0	35.0	25	10.0	113	04.5	AX	69	11	07	1415	191	661	2.90	100.0	4	144
137.0	40.0	24	58.5	113	21.9	AX	69	11	07	1740	205	654	3.13	100.0	20	142
137.0	50.0	24	38.6	114	02.0	AX	69	11	07	2315	208	606	3.44	100.0	42	265
137.0	60.0	24	19.8	114	42.3	AX	69	11	08	0440	194	657	2.95	100.0	67	31

TABLE 1. (cont.)

CalCOFI Cruise 6912

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	52.0	37	53.4	123	01.7	AX	69	11	17	1350	69	241	2.88	100.0	0	42
60.0	55.0	37	49.0	123	16.5	AX	69	11	17	1106	103	352	2.92	100.0	19	2
60.0	60.0	37	36.9	123	40.1	AX	69	11	17	0758	202	537	3.76	100.0	14	55
60.0	65.0	37	27.2	123	57.5	AX	69	11	16	0105	211	628	3.36	100.0	22	23
60.0	70.0	37	16.8	124	21.3	AX	69	11	15	2210	203	676	3.00	100.0	19	18
60.0	80.0	36	56.5	125	04.6	AX	69	11	15	1630	208	642	3.25	100.0	34	33
60.0	90.0	36	37.0	125	46.6	AX	69	11	15	1041	209	668	3.13	100.0	8	44
63.0	50.0	37	23.0	122	28.0	AX	69	11	17	1900	23	126	1.81	100.0	862	615
63.0	52.0	37	18.6	122	36.6	AX	69	11	17	2012	57	266	2.16	100.0	28	25
63.0	55.0	37	12.5	122	49.8	AX	69	11	17	2214	188	730	2.58	100.0	78	15
63.0	60.0	37	02.5	123	11.5	AX	69	11	18	0105	205	637	3.21	100.0	10	7
63.0	65.0	36	52.4	123	33.4	AX	69	11	18	0350	209	635	3.29	100.0	10	11
63.0	70.0	36	41.6	123	56.8	AX	69	11	18	0645	204	642	3.17	100.0	3	4
63.0	80.0	36	22.8	124	37.7	AX	69	11	18	1123	215	634	3.39	100.0	4	64
63.0	90.0	36	01.6	125	20.2	AX	69	11	18	1600	206	637	3.23	100.0	3	9
67.0	48.0	36	53.3	121	56.3	AX	69	11	19	1843	23	113	2.05	100.0	6	2732
67.0	50.0	36	49.5	122	04.8	AX	69	11	19	1733	66	230	2.86	100.0	6	6
67.0	55.0	36	38.4	122	25.7	AX	69	11	19	1420	203	623	3.26	100.0	0	33
67.0	60.0	36	29.0	122	47.3	AX	69	11	19	1155	208	588	3.54	100.0	26	11
67.0	65.0	36	18.0	123	08.2	AX	69	11	19	0853	201	601	3.35	100.0	6	21
67.0	70.0	36	09.9	123	33.3	AX	69	11	19	0601	205	616	3.33	100.0	9	11
67.0	80.0	35	49.0	124	12.0	AX	69	11	19	0100	204	606	3.37	100.0	2	5
67.0	90.0	35	28.3	124	54.6	AX	69	11	18	2015	202	647	3.12	100.0	5	7
70.0	51.0	36	10.7	121	46.4	AX	69	11	20	0543	199	614	3.25	100.0	84	1789
70.0	53.0	36	06.7	121	54.8	AX	69	11	20	0803	199	630	3.16	100.0	31	198
70.0	60.0	35	53.0	122	22.5	AX	69	11	20	1835	210	625	3.37	100.0	7	16
70.0	65.0	35	43.2	122	44.2	AX	69	11	21	0330	202	665	3.04	100.0	13	11
70.0	70.0	35	32.6	123	05.5	AX	69	11	21	0700	214	632	3.38	100.0	1	18
70.0	75.0	35	22.8	123	27.0	AX	69	11	21	1652	191	674	2.83	100.0	8	21
70.0	80.0	35	13.0	123	48.0	AX	69	11	22	0220	201	710	2.83	100.0	18	20
70.0	90.0	34	52.0	124	30.0	AX	69	11	22	1310	208	689	3.02	100.0	4	14
70.0	100.0	34	34.1	125	11.6	AX	69	11	22	1905	206	675	3.05	100.0	30	16
73.0	50.0	35	37.5	121	17.4	AX	69	11	24	0116	83	308	2.70	100.0	24	6
73.0	53.0	35	31.7	121	28.5	AX	69	11	23	2330	203	656	3.09	100.0	12	19
73.0	60.0	35	18.4	121	57.8	AX	69	11	23	1727	206	659	3.13	100.0	9	14
73.0	65.0	35	08.1	122	18.0	AX	69	11	23	1430	208	671	3.11	100.0	3	19
73.0	70.0	34	58.3	122	40.5	AX	69	11	23	1155	192	691	2.78	100.0	7	40
73.0	80.0	34	39.6	123	21.8	AX	69	11	23	0645	208	688	3.02	100.0	9	9
73.0	90.0	34	18.7	124	03.8	AX	69	11	23	0153	202	674	2.99	100.0	22	12
77.0	48.0	35	08.1	120	43.5	AX	69	11	24	0541	23	126	1.83	100.0	4	2733
77.0	51.0	35	02.2	120	56.4	AX	69	11	24	0744	204	577	3.53	100.0	12	56
77.0	55.0	34	54.3	121	12.5	AX	69	11	24	1028	194	713	2.72	100.0	25	92
77.0	60.0	34	43.8	121	34.1	AX	69	11	24	1530	205	742	2.77	100.0	4	10
77.0	65.0	34	33.3	121	54.5	AX	69	11	24	1803	200	657	3.04	100.0	6	6
77.0	70.0	34	23.5	122	15.5	AX	69	11	24	2122	195	673	2.90	100.0	15	18

TABLE 1. (cont.)

CalCOFI Cruise 6912

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	80.0	34	02.6	122	57.6	AX	69	11	25	0115	198	662	3.00	100.0	38	26
77.0	90.0	33	44.3	123	36.9	AX	69	11	25	0710	204	665	3.07	100.0	12	24
80.0	51.0	34	26.0	120	32.5	AX	69	11	26	1300	110	391	2.83	100.0	8	140
80.0	52.0	34	24.3	120	36.6	AX	69	11	26	1130	198	667	2.97	100.0	18	10
80.0	55.0	34	18.8	120	48.6	AX	69	11	26	0908	193	589	3.29	100.0	16	44
80.0	60.0	34	08.7	121	09.6	AX	69	11	26	0600	189	628	3.02	100.0	12	8
80.0	65.0	33	59.7	121	30.0	AX	69	11	26	0224	202	663	3.05	100.0	9	8
80.0	70.0	33	48.8	121	52.0	AX	69	11	25	2305	200	682	2.94	100.0	17	12
80.0	80.0	33	28.6	122	32.2	AX	69	11	25	1752	203	680	2.98	100.0	6	14
80.0	90.0	33	09.8	123	13.2	AX	69	11	25	1205	206	678	3.04	100.0	12	33
82.0	47.0	34	15.0	119	59.3	AX	69	11	26	1700	191	691	2.76	100.0	2	272
83.0	40.0	34	14.0	119	22.0	JD	69	11	29	0528	14	69	1.98	100.0	12	302
83.0	43.0	34	08.0	119	34.0	JD	69	11	29	0745	206	656	3.15	100.0	27	62
83.0	51.0	33	52.0	120	07.5	JD	69	11	29	1215	115	319	3.60	100.0	13	72
83.0	55.0	33	44.0	120	24.5	JD	69	11	29	1434	206	745	2.76	100.0	11	42
83.0	60.0	33	34.0	120	45.0	JD	69	11	29	1710	202	679	2.97	100.0	31	30
83.0	70.0	33	14.5	121	26.0	JD	69	11	29	2125	208	643	3.24	100.0	9	4
83.0	80.0	32	54.0	122	08.0	JD	69	11	30	0155	210	662	3.18	100.0	5	14
83.0	90.0	32	34.5	122	47.0	JD	69	11	30	0605	203	675	3.01	100.0	13	13
87.0	33.0	33	54.2	118	29.4	JD	69	12	01	1540	33	135	2.50	100.0	41	40
87.0	35.0	33	50.0	118	37.5	JD	69	12	01	1420	206	669	3.08	100.0	31	396
87.0	40.0	33	40.0	118	58.0	JD	69	12	01	1100	207	643	3.22	100.0	8	116
87.0	45.0	33	30.0	119	19.0	JD	69	12	01	0755	205	655	3.13	100.0	21	44
87.0	50.0	33	20.0	119	39.5	JD	69	12	01	0422	53	209	2.55	100.0	65	101
87.0	55.0	33	10.0	120	00.0	JD	69	12	01	0152	208	663	3.14	100.0	7	21
87.0	60.0	33	00.0	120	21.5	JD	69	11	30	2332	206	673	3.07	100.0	11	18
87.0	70.0	32	39.5	121	02.0	JD	69	11	30	1915	209	673	3.10	100.0	7	14
87.0	80.0	32	19.5	121	43.0	JD	69	11	30	1500	211	672	3.15	100.0	19	7
87.0	90.0	31	59.0	122	24.0	JD	69	11	30	1045	204	697	2.93	100.0	13	25
90.0	28.0	33	28.5	117	46.7	JD	69	12	01	2135	195	694	2.81	100.0	320	47
90.0	32.0	33	20.5	118	03.0	JD	69	12	01	0030	208	642	3.25	100.0	392	101
90.0	37.0	33	11.0	118	22.5	JD	69	12	02	0334	210	632	3.33	100.0	301	232
90.0	39.0	33	07.0	118	31.0	JD	69	12	02	0535	207	649	3.19	100.0	15	222
90.0	45.0	32	54.5	118	55.5	AX	69	12	02	1640	184	673	2.74	100.0	1	8
90.0	53.0	32	38.6	119	28.4	AX	69	12	03	1658	175	664	2.65	100.0	19	40
90.0	60.0	32	25.0	119	57.5	AX	69	12	12	0733	200	671	2.98	100.0	0	9
90.0	70.0	32	05.0	120	39.0	AX	69	12	13	1905	191	711	2.69	100.0	15	8
90.0	80.0	31	45.5	121	19.0	AX	69	12	13	0012	190	747	2.55	100.0	5	1
90.0	90.0	31	24.2	122	01.0	AX	69	12	14	1617	192	672	2.87	100.0	92	4
93.0	27.0	32	56.0	117	19.0	JD	69	12	02	1215	117	389	3.02	100.0	134	45
93.0	28.0	32	54.7	117	21.8	JD	69	12	02	1700	211	658	3.21	100.0	84	432
93.0	30.0	32	50.5	117	31.0	JD	69	12	02	1916	207	629	3.30	100.0	162	105
93.0	35.0	32	40.5	117	51.5	JD	69	12	02	2224	206	643	3.21	100.0	52	85
93.0	40.0	32	30.0	118	11.5	JD	69	12	03	0204	207	653	3.18	100.0	10	46
93.0	45.0	32	20.0	118	32.0	JD	69	12	03	0428	204	647	3.16	100.0	17	38

TABLE 1. (cont.)

CalCOFI Cruise 6912

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	50.0	32	10.0	118	53.0	JD	69	12	03	0705	205	672	3.06	100.0	11	30
93.0	55.0	32	00.0	119	13.5	JD	69	12	03	0925	208	650	3.21	100.0	2	30
93.0	60.0	31	50.0	119	34.0	JD	69	12	03	1204	210	664	3.16	100.0	1	7
93.0	70.0	31	30.0	120	14.0	JD	69	12	03	1620	211	681	3.10	100.0	8	10
93.0	80.0	31	10.0	120	54.5	JD	69	12	03	2110	205	697	2.94	100.0	9	8
93.0	90.0	30	50.0	121	34.5	JD	69	12	04	0114	209	664	3.15	100.0	30	11
97.0	29.0	32	17.5	117	14.7	JD	69	12	05	1433	34	122	2.84	100.0	287	192
97.0	30.0	32	16.0	117	07.0	JD	69	12	05	1358	41	147	2.83	100.0	124	72
97.0	32.0	32	12.0	117	15.2	JD	69	12	05	1225	208	653	3.19	100.0	251	30
97.0	35.0	32	07.0	117	28.0	JD	69	12	05	1010	203	640	3.17	100.0	499	106
97.0	40.0	31	56.0	117	48.0	JD	69	12	05	0654	200	658	3.05	100.0	3	7
97.0	45.0	31	46.0	118	08.0	JD	69	12	05	0310	203	638	3.19	100.0	13	28
97.0	50.0	31	35.5	118	29.0	JD	69	12	05	0025	211	655	3.22	100.0	7	16
97.0	55.0	31	25.5	118	49.5	JD	69	12	04	2150	214	643	3.34	100.0	5	34
97.0	60.0	31	15.5	119	10.0	JD	69	12	04	1918	209	662	3.16	100.0	1	1
97.0	70.0	30	55.0	119	50.5	JD	69	12	04	1500	209	674	3.10	100.0	3	4
97.0	80.0	30	35.0	120	31.0	JD	69	12	04	1010	200	720	2.78	100.0	2	5
97.0	90.0	30	15.5	121	10.5	JD	69	12	04	0547	210	687	3.06	100.0	13	8
100.0	29.0	31	42.2	116	43.4	JD	69	12	05	1830	89	317	2.83	100.0	58	27
100.0	30.0	31	40.5	116	46.5	JD	69	12	05	1950	209	677	3.09	100.0	104	160
100.0	35.0	31	30.5	117	07.0	JD	69	12	05	2245	204	689	2.97	100.0	31	15
100.0	40.0	31	22.5	117	28.0	JD	69	12	06	0233	206	666	3.10	100.0	7	9
100.0	45.0	31	10.5	117	46.5	JD	69	12	06	0455	205	696	2.95	100.0	8	12
100.0	50.0	31	05.0	118	08.0	JD	69	12	06	0755	211	650	3.25	100.0	4	4
100.0	55.0	30	50.5	118	27.5	JD	69	12	06	1107	197	676	2.92	100.0	5	9
100.0	60.0	30	35.5	118	47.5	JD	69	12	06	1440	207	667	3.11	100.0	5	1
100.0	70.0	30	18.0	119	28.0	JD	69	12	06	1924	210	692	3.04	100.0	14	8
100.0	80.0	30	01.0	120	07.0	JD	69	12	07	0042	208	699	2.98	100.0	43	11
100.0	90.0	29	40.5	120	47.0	JD	69	12	07	0515	201	713	2.82	100.0	27	18
103.0	29.0	31	07.0	116	21.0	JD	69	12	08	1315	27	105	2.58	100.0	53	321
103.0	30.0	31	06.0	116	24.5	JD	69	12	08	1240	47	293	1.62	100.0	685	23
103.0	35.0	30	56.0	116	45.0	JD	69	12	08	1008	206	673	3.07	100.0	161	111
103.0	40.0	30	46.0	117	04.5	JD	69	12	08	0734	205	663	3.09	100.0	19	8
103.0	45.0	30	34.0	117	23.0	JD	69	12	08	0425	205	680	3.01	100.0	8	11
103.0	50.0	30	24.0	117	44.0	JD	69	12	08	0209	209	652	3.21	100.0	11	8
103.0	55.0	30	15.0	118	05.0	JD	69	12	07	2325	210	668	3.15	100.0	4	2
103.0	60.0	30	06.0	118	25.0	JD	69	12	07	2100	214	643	3.33	100.0	26	6
103.0	70.0	29	46.5	119	04.5	JD	69	12	07	1626	209	633	3.30	100.0	2	14
103.0	80.0	29	26.5	119	43.0	JD	69	12	07	1200	206	692	2.98	100.0	9	3
107.0	31.0	30	27.8	116	07.0	JD	69	12	08	1719	34	134	2.54	100.0	48	61
107.0	32.0	30	25.8	116	11.0	JD	69	12	08	1814	207	446	4.65	100.0	575	20
107.0	35.0	30	21.5	116	22.5	JD	69	12	08	2005	206	592	3.49	100.0	289	73
107.0	40.0	30	11.0	116	42.0	JD	69	12	08	2242	210	671	3.13	100.0	7	6
107.0	45.0	30	01.5	117	02.0	JD	69	12	09	0100	210	646	3.26	100.0	5	14
107.0	50.0	29	20.5	117	22.0	JD	69	12	09	0330	204	660	3.09	100.0	5	13

TABLE 1. (cont.)

CalCOFI Cruise 6912

Line	Station	Lat.(N) deg.	min.	Long.(W) deg.	min.	Ship Code	Tow Date yr.	mo.	day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	55.0	29	41.0	117	42.0	JD	69	12	09	0552	199	686	2.90	100.0	7	11
107.0	60.0	29	32.0	118	01.5	JD	69	12	09	0842	202	706	2.87	100.0	1	7
107.0	70.0	29	11.0	118	41.0	JD	69	12	09	1305	209	687	3.04	100.0	4	9
107.0	80.0	28	51.5	119	20.0	JD	69	12	09	1720	208	688	3.03	100.0	21	52
110.0	32.0	29	51.0	115	49.5	JD	69	12	11	0125	35	130	2.69	100.0	21	57
110.0	35.0	29	46.0	116	00.0	JD	69	12	10	2320	206	703	2.93	100.0	83	13
110.0	40.0	29	36.5	116	19.5	JD	69	12	10	2015	210	669	3.13	100.0	19	3
110.0	45.0	29	26.5	116	39.5	JD	69	12	10	1642	203	722	2.81	100.0	5	12
110.0	50.0	29	16.5	116	59.0	JD	69	12	10	1407	208	691	3.01	100.0	12	2
110.0	60.0	28	56.5	117	39.0	JD	69	12	10	0850	209	716	2.92	100.0	1	2
110.0	70.0	28	36.5	118	18.0	JD	69	12	10	0337	209	681	3.07	100.0	70	16
110.0	80.0	28	16.5	118	57.5	JD	69	12	09	2205	203	679	2.99	100.0	13	72
113.0	29.0	29	24.0	115	13.0	JD	69	12	11	0555	12	75	1.59	100.0	106	18
113.0	30.0	29	22.0	115	18.0	JD	69	12	11	0648	46	188	2.46	100.0	70	286
113.0	35.0	29	11.5	115	38.0	JD	69	12	11	0923	212	678	3.13	100.0	1	0
113.0	40.0	29	02.0	115	57.0	JD	69	12	11	1235	205	712	2.88	100.0	24	4
113.0	45.0	28	52.0	116	18.0	JD	69	12	11	1500	209	697	3.00	100.0	3	1
113.0	50.0	28	42.0	116	36.0	JD	69	12	11	1735	206	698	2.96	100.0	6	1
113.0	60.0	28	23.0	117	16.0	JD	69	12	11	2154	207	676	3.07	100.0	47	6
113.0	70.0	28	04.0	117	55.5	JD	69	12	12	0230	210	684	3.07	100.0	17	37
113.0	80.0	27	42.0	118	33.0	JD	69	12	12	0700	205	690	2.97	100.0	15	39
117.0	25.0	28	58.0	114	37.0	JD	69	12	13	2325	35	130	2.68	100.0	13	10
117.0	26.0	28	56.0	114	41.5	JD	69	12	13	2239	68	254	2.67	100.0	32	137
117.0	30.0	28	48.0	114	56.5	JD	69	12	13	2055	82	296	2.78	100.0	103	120
117.0	35.0	28	38.0	115	16.0	JD	69	12	13	1825	206	708	2.91	100.0	89	341
117.0	40.0	28	28.0	115	35.5	JD	69	12	13	0528	202	702	2.89	100.0	68	31
117.0	45.0	28	18.0	115	56.0	JD	69	12	13	0249	202	700	2.90	100.0	3	0
117.0	50.0	28	08.0	116	15.0	JD	69	12	13	0033	207	671	3.08	100.0	0	1
117.0	60.0	27	47.0	116	53.0	JD	69	12	12	2030	204	694	2.95	100.0	21	26
117.0	70.0	27	27.0	117	32.6	JD	69	12	12	1558	205	720	2.85	100.0	99	123
117.0	80.0	27	08.0	118	10.5	JD	69	12	12	1140	207	699	2.97	100.0	36	22
118.0	39.0	28	18.5	115	24.0	JD	69	12	13	0802	204	686	2.98	100.0	203	33
119.0	33.0	28	19.0	114	53.0	JD	69	12	14	0900	104	364	2.86	100.0	32	271
120.0	24.0	28	25.0	114	10.7	JD	69	12	14	0318	28	121	2.28	100.0	78	413
120.0	25.0	28	22.5	114	15.0	JD	69	12	14	0358	40	159	2.54	100.0	285	416
120.0	30.0	28	13.0	114	34.0	JD	69	12	14	0610	88	320	2.77	100.0	7	21
120.0	35.0	28	03.0	114	54.0	JD	69	12	14	1100	70	248	2.85	100.0	1	80
120.0	40.0	27	56.5	115	14.0	JD	69	12	14	1314	35	126	2.77	100.0	30	109
120.0	45.0	27	43.0	115	33.0	AX	69	12	05	0745	198	706	2.81	100.0	1	1
120.0	50.0	27	32.8	115	52.5	AX	69	12	07	0645	203	690	2.95	100.0	2	0
120.0	55.0	27	23.0	116	12.0	AX	69	12	07	1650	195	591	3.30	100.0	1	2
120.0	60.0	27	13.2	116	30.8	AX	69	12	08	0536	201	686	2.93	100.0	2	0
120.0	70.0	26	53.0	117	09.8	AX	69	12	08	1705	201	681	2.96	100.0	3	43
120.0	80.0	26	33.2	117	48.8	AX	69	12	09	0637	204	663	3.09	100.0	49	22
120.0	90.0	26	12.0	118	27.0	AX	69	12	09	0834	204	689	2.96	100.0	73	26

TABLE 1. (cont.)

CalCOFI Cruise 6912

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
123.0	36.0	27	26.0	114	36.0	JD	69	12	14	1931	40	165	2.44	100.0	13	17
123.0	37.0	27	24.0	114	40.0	JD	69	12	14	2017	56	203	2.75	100.0	36	45
123.0	42.0	27	14.0	114	59.0	JD	69	12	14	2230	201	709	2.83	100.0	12	1
123.0	45.0	27	08.0	115	11.5	JD	69	12	15	0020	206	685	3.01	100.0	77	27
123.0	50.0	26	59.0	115	31.0	JD	69	12	15	0251	208	694	3.01	100.0	10	10
123.0	60.0	26	40.0	116	09.0	JD	69	12	15	0703	205	803	2.55	100.0	0	11
127.0	33.0	26	57.5	114	02.2	JD	69	12	16	0015	54	197	2.75	100.0	443	399
127.0	34.0	26	55.0	114	06.5	JD	69	12	15	2330	74	270	2.73	100.0	292	140
127.0	40.0	26	43.5	114	29.0	JD	69	12	15	2055	198	700	2.84	100.0	35	137
127.0	45.0	26	32.0	114	48.0	JD	69	12	15	1809	207	678	3.06	100.0	9	15
127.0	50.0	26	22.7	115	07.5	JD	69	12	15	1546	205	690	2.98	100.0	5	36
127.0	60.0	26	03.5	115	46.5	JD	69	12	15	1135	207	696	2.98	100.0	12	24
130.0	28.0	26	33.5	113	21.0	JD	69	12	16	0421	42	161	2.64	100.0	2	70
130.0	30.0	26	29.0	113	29.0	JD	69	12	16	0625	67	254	2.63	100.0	128	244
130.0	35.0	26	19.0	113	48.0	JD	69	12	16	0818	206	738	2.80	100.0	6	31
130.0	40.0	26	09.0	114	07.0	JD	69	12	16	1153	208	685	3.04	100.0	13	358
133.0	23.0	26	08.5	112	40.2	JD	69	12	17	0034	62	233	2.66	100.0	45	129
133.0	25.0	26	04.5	112	48.0	JD	69	12	16	2333	71	295	2.43	100.0	34	310
133.0	30.0	25	54.5	113	07.5	JD	69	12	16	2112	165	618	2.66	100.0	43	21
133.0	35.0	25	44.5	113	26.5	JD	69	12	16	1840	203	697	2.92	100.0	22	49
133.0	40.0	25	34.5	113	45.5	JD	69	12	16	1625	207	699	2.96	100.0	10	42
137.0	22.0	25	36.0	112	14.8	JD	69	12	17	0410	46	189	2.45	100.0	110	53
137.0	23.0	25	34.0	112	19.0	JD	69	12	17	0525	66	265	2.51	100.0	155	138
137.0	30.0	25	20.0	112	46.0	JD	69	12	17	0910	206	704	2.92	100.0	52	24
137.0	35.0	25	11.0	113	02.5	JD	69	12	17	1123	210	703	3.00	100.0	4	11

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1969.

Rank	Taxon	Occurrences
1	*Engraulis mordax*	880
2	*Protomyctophum crockeri*	717
3	*Sebastes* spp.	705
4	*Citharichthys* spp.	611
5	*Triphoturus mexicanus*	556
6	*Lampanyctus* spp.	550
7	*Leuroglossus stilbius*	498
8	*Vinciguerria lucetia*	479
9	Sternoptychidae	469
10	Disintegrated fish larva	458
11	Unidentified fish larva	422
12	*Stenobrachius leucopsarus*	390
13	*Merluccius productus*	361
14	*Bathylagus ochotensis*	359
15	*Cyclothone* spp.	346
16	*Melamphaes* spp.	333
17	Myctophidae	329
18	*Bathylagus wesethi*	328
19	*Tarletonbeania crenularis*	277
20	*Citharichthys stigmaeus*	269
21	*Trachurus symmetricus*	248
22	*Lestidiops ringens*	231
23	*Bathylagus* spp.	215
24	*Stomias atriventer*	214
25	*Diogenichthys laternatus*	210
25	*Diogenichthys atlanticus*	210
27	*Icichthys lockingtoni*	202
28	Sciaenidae	195
29	*Chauliodus macouni*	189
30	*Symbolophorus californiensis*	157
31	*Lampanyctus ritteri*	155
32	*Ceratoscopelus townsendi*	153
33	Gobiidae	138
34	Gonostomatidae	126
35	*Idiacanthus antrostomus*	114
36	*Diaphus* spp.	110
37	*Argentina sialis*	98
38	Scopelarchidae	93
39	*Hygophum atratum*	81
40	*Bathylagus pacificus*	80
40	*Parophrys vetulus*	80
40	Trachipteridae	80
43	*Sardinops sagax*	79
43	*Diogenichthys* spp.	79
45	*Microstoma microstoma*	73
46	Serranidae	72
47	*Symphurus* spp.	71
48	*Pleuronichthys verticalis*	66

TABLE 2. (cont.)

Rank	Taxon	Occurrences
49	*Lyopsetta exilis*	65
50	*Hypsoblennius* spp.	61
51	*Paralichthys californicus*	60
52	*Myctophum nitidulum*	59
53	*Oxyjulis californica*	58
54	*Microstomus pacificus*	56
55	*Synodus* spp.	54
55	*Chromis punctipinnis*	54
57	*Hippoglossina stomata*	52
58	Clinidae	51
59	*Tetragonurus cuvieri*	48
59	*Gonichthys tenuiculus*	48
61	*Sebastolobus* spp.	47
62	Ophidiiformes	45
62	*Peprilus simillimus*	45
64	Chiasmodontidae	41
65	Cottidae	40
65	*Nansenia crassa*	40
67	*Scopelosaurus* spp.	36
68	*Ichthyococcus* spp.	34
68	*Ophidion scrippsae*	34
70	*Bathylagus milleri*	33
71	*Cololabis saira*	32
71	*Nansenia candida*	32
73	*Sarda chiliensis*	30
73	Ceratioidei	30
75	*Notoscopelus resplendens*	29
76	*Chilara taylori*	28
76	*Halichoeres* spp.	28
78	*Poromitra* spp.	27
79	*Scomber japonicus*	24
79	*Scorpaenichthys marmoratus*	24
81	Trichiuridae	23
81	*Lampadena urophaos*	23
83	*Xystreurys liolepis*	22
84	*Oxylebius pictus*	20
85	*Zaniolepis* spp.	19
85	*Prionotus* spp.	19
85	*Lampanyctus regalis*	19
88	*Notolepis risso*	18
89	*Scopelogadus bispinosus*	17
89	Cyclopteridae	17
91	*Brosmophycis marginata*	16
92	*Glyptocephalus zachirus*	15
92	*Sphyraena argentea*	15
92	*Pleuronichthys coenosus*	15
95	*Psettichthys melanostictus*	14
95	Macrouridae	14
97	Anguilliformes	13
97	*Hygophum* spp.	13

TABLE 2. (cont.)

Rank	Taxon	Occurrences
99	*Medialuna californiensis*	12
99	*Scorpaena* spp.	12
99	*Brama* spp.	12
102	*Macroramphosus gracilis*	11
102	*Loweina rara*	11
102	*Pleuronichthys decurrens*	11
102	*Aristostomias scintillans*	11
106	*Hygophum reinhardtii*	10
106	*Syngnathus* spp.	10
106	*Notolychnus valdiviae*	10
109	*Protomyctophum thompsoni*	9
109	*Etrumeus acuminatus*	9
109	*Seriola lalandi*	9
109	Agonidae	9
113	*Semicossyphus pulcher*	8
114	*Diplophos taenia*	7
114	*Electrona rissoi*	7
114	Pleuronectiformes	7
114	*Pleuronichthys ritteri*	7
114	*Girella nigricans*	7
119	Paralepididae	6
119	*Hypsopsetta guttulata*	6
119	Hexagrammidae	6
122	Eutaeniophoridae	5
122	Atherinidae	5
122	Exocoetidae	5
125	Haemulidae	4
125	*Tactostoma macropus*	4
125	Blennioidei	4
125	*Howella brodiei*	4
125	Stomiiformes	4
125	Gerreidae	4
131	Carangidae	3
132	*Centrobranchus* spp.	2
132	*Physiculus* spp.	2
132	Scombridae	2
132	*Auxis* spp.	2
132	*Caulolatilus princeps*	2
132	*Porichthys* spp.	2
132	*Scopeloberyx robustus*	2
132	*Bathophilus* spp.	2
140	Osmeridae	1
140	Gobiesocidae	1
140	Gempylidae	1
140	*Stemonosudis macrura*	1
140	*Pleuronichthys* spp.	1
140	Astronesthidae	1
140	*Vinciguerria poweriae*	1
140	*Parvilux ingens*	1
140	*Ophiodon elongatus*	1

TABLE 2. (cont.)

Rank	Taxon	Occurrences
140	Nomeidae	1
140	*Coryphaena hippurus*	1
140	*Dolichopteryx* spp.	1
140	*Icosteus aenigmaticus*	1
140	*Lepidopsetta bilineata*	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1969. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	*Engraulis mordax*	468352
2	*Sebastes* spp.	86545
3	*Leuroglossus stilbius*	55312
4	*Vinciguerria lucetia*	49462
5	*Merluccius productus*	47105
6	*Triphoturus mexicanus*	22844
7	*Stenobrachius leucopsarus*	20698
8	Sciaenidae	13413
9	*Citharichthys* spp.	10217
10	*Trachurus symmetricus*	7718
11	*Bathylagus ochotensis*	6639
12	*Bathylagus wesethi*	6212
13	*Protomyctophum crockeri*	5564
14	*Cyclothone* spp.	4509
15	Unidentified fish larva	4448
16	*Lampanyctus* spp.	4200
17	*Bathylagus* spp.	3777
18	Disintegrated fish larva	3757
19	*Diogenichthys laternatus*	3685
20	*Sardinops sagax*	3093
21	Sternoptychidae	2982
22	*Tarletonbeania crenularis*	2801
23	Myctophidae	2778
24	*Citharichthys stigmaeus*	2485
25	*Synodus* spp.	2120
26	*Melamphaes* spp.	1775
27	*Diaphus* spp.	1758
28	*Diogenichthys atlanticus*	1646
29	*Ceratoscopelus townsendi*	1623
30	*Lampanyctus ritteri*	1585
31	*Argentina sialis*	1457
32	*Stomias atriventer*	1448
33	*Parophrys vetulus*	1435
34	*Icichthys lockingtoni*	1315
35	*Lestidiops ringens*	1234
36	*Symbolophorus californiensis*	918
37	*Chauliodus macouni*	900
38	*Sarda chiliensis*	874
39	*Chromis punctipinnis*	789
40	*Oxyjulis californica*	762
41	Gobiidae	748
42	Serranidae	692
43	*Idiacanthus antrostomus*	643
44	*Hygophum atratum*	532
45	Gonostomatidae	513
46	*Paralichthys californicus*	497
47	*Symphurus* spp.	470

TABLE 3. (cont.)

Rank	Taxon	Count
48	Scopelarchidae	444
49	*Bathylagus pacificus*	438
50	*Prionotus* spp.	384
51	Ophidiiformes	372
52	*Hypsoblennius* spp.	364
53	*Peprilus simillimus*	348
54	*Lyopsetta exilis*	347
55	*Diogenichthys* spp.	343
56	*Scomber japonicus*	322
57	*Pleuronichthys verticalis*	319
58	Trachipteridae	286
59	*Tetragonurus cuvieri*	280
60	*Seriola lalandi*	270
60	*Gonichthys tenuiculus*	270
62	*Nansenia candida*	267
63	Clinidae	266
64	*Microstoma microstoma*	261
65	*Myctophum nitidulum*	256
66	*Hippoglossina stomata*	239
67	*Microstomus pacificus*	236
68	*Sebastolobus* spp.	233
69	*Ophidion scrippsae*	208
70	Cottidae	200
71	*Notoscopelus resplendens*	183
72	*Etrumeus acuminatus*	182
73	*Nansenia crassa*	173
74	Ceratioidei	168
75	*Halichoeres* spp.	165
76	Chiasmodontidae	164
77	*Lampadena urophaos*	149
78	*Xystreurys liolepis*	148
78	*Scopelosaurus* spp.	148
80	*Lampanyctus regalis*	140
81	*Cololabis saira*	134
82	Trichiuridae	125
83	*Ichthyococcus* spp.	124
84	Anguilliformes	118
85	*Bathylagus milleri*	113
86	*Chilara taylori*	102
87	*Scorpaena* spp.	101
88	*Scorpaenichthys marmoratus*	93
89	*Poromitra* spp.	87
90	Hexagrammidae	81
91	*Sphyraena argentea*	77
92	*Scopelogadus bispinosus*	73
93	*Glyptocephalus zachirus*	71
94	*Oxylebius pictus*	69
95	*Notolepis risso*	64
95	*Zaniolepis* spp.	64

TABLE 3. (cont.)

Rank	Taxon	Count
97	Blennioidei	62
98	*Psettichthys melanostictus*	61
99	*Pleuronichthys coenosus*	57
100	*Brosmophycis marginata*	55
101	Pleuronectiformes	52
101	Paralepididae	52
103	Macrouridae	49
103	*Macroramphosus gracilis*	49
103	Cyclopteridae	49
103	*Medialuna californiensis*	49
107	*Hygophum reinhardtii*	48
108	*Girella nigricans*	47
109	*Loweina rara*	45
109	*Brama* spp.	45
111	*Protomyctophum thompsoni*	44
112	*Hygophum* spp.	41
112	*Notolychnus valdiviae*	41
112	*Pleuronichthys ritteri*	41
112	*Aristostomias scintillans*	41
116	*Pleuronichthys decurrens*	38
117	*Semicossyphus pulcher*	36
118	Exocoetidae	35
119	*Syngnathus* spp.	34
119	Gerreidae	34
121	*Hypsopsetta guttulata*	32
122	*Diplophos taenia*	28
123	Agonidae	27
124	Atherinidae	25
125	*Electrona rissoi*	22
126	*Lepidopsetta bilineata*	21
126	*Howella brodiei*	21
128	Haemulidae	20
129	Stomiiformes	16
130	Eutaeniophoridae	15
131	*Tactostoma macropus*	14
132	Carangidae	11
133	*Bathophilus* spp.	9
134	*Centrobranchus* spp.	7
135	*Auxis* spp.	6
135	*Physiculus* spp.	6
135	Scombridae	6
135	*Scopeloberyx robustus*	6
139	*Caulolatilus princeps*	5
140	*Porichthys* spp.	4
140	*Parvilux ingens*	4
142	*Coryphaena hippurus*	3
142	Nomeidae	3
142	*Pleuronichthys* spp.	3
142	*Vinciguerria poweriae*	3

TABLE 3. (cont.)

Rank	Taxon	Count
142	Osmeridae	3
142	***Ophiodon elongatus***	3
142	Astronesthidae	3
142	***Icosteus aenigmaticus***	3
142	***Dolichopteryx*** spp.	3
142	Gempylidae	3
142	Gobiesocidae	3
142	***Stemonosudis macrura***	3
	Total	875854

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1969. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied twice during a single month. Unoccupied stations are indicated by a dash.

Anguilliformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	0.0	–	–	0.0	–	–	3.0	–	–	0.0	–	–
97.0 32.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.0	–	0.0
100.0 55.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0 60.0	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0 35.0	0.0	0.0	–	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0 24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	1.6	–	0.0
130.0 35.0	–	–	3.7	3.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0 40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.4	0.0	0.0
133.0 40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	0.0
137.0 22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	5.6	0.0	0.0
137.0 23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	79.3	0.0	0.0
137.0 35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0

Etrumeus acuminatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0 40.0	0.0	–	0.0	2.1	–	0.0	17.0	–	0.0	–	0.0	0.0
130.0 28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	18.1	0.0	0.0
130.0 35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	15.9	0.0	0.0
130.0 45.0	–	–	0.0	0.0	–	11.4	0.0	–	–	0.0	0.0	–
133.0 23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	42.3	0.0	0.0
133.0 25.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.0	0.0	0.0
137.0 22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	50.0	0.0	0.0
137.0 23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	22.2	0.0	0.0

Sardinops sagax

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 33.0	0.0	10.4	–	0.0	0.0	–	0.0	–	2.6	0.0	–	0.0
87.0 35.0	0.0	6.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0 55.0	0.0	3.4	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0 28.0	0.0	3.3	–	0.0	8.7	–	6.5	–	0.0	0.0	–	0.0
90.0 32.0	0.0	0.0	–	0.0	6.9	–	0.0	–	0.0	0.0	–	0.0
97.0 29.0	0.0	7.8	–	0.0	–	6.4	27.5	–	0.0	0.0	–	0.0
97.0 30.0	0.0	0.0	–	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0
97.0 32.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0 29.0	0.0	0.0	–	0.0	–	0.0	3.6	–	0.0	0.0	–	0.0
100.0 30.0	0.0	0.0	–	0.0	–	0.0	10.7	–	0.0	0.0	–	0.0
100.0 40.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0 45.0	0.0	0.0	–	0.0	–	0.0	9.3	–	0.0	0.0	–	0.0
103.0 29.0	0.0	0.0	–	0.0	–	0.0	2.1	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Sardinops sagax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	35.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	31.0	22.7	5.1	–	0.0	–	0.0	8.4	–	–	0.0	–	2.5
107.0	32.0	0.0	18.3	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0
107.0	45.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	60.0	0.0	0.0	–	12.4	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	32.0	3.1	2.8	–	0.0	–	2.4	6.7	–	0.0	0.0	–	0.0
110.0	35.0	0.0	6.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	3.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	29.0	4.7	0.0	–	0.0	–	0.0	0.0	–	0.0	8.7	–	0.0
113.0	30.0	0.0	8.5	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.5
113.0	40.0	0.0	3.8	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	4.7	58.6	–	2.7
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	7.1	–	2.7
117.0	35.0	0.0	0.0	–	0.0	–	9.6	0.0	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	8.4	0.0	–	0.0	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	11.4	0.0
118.0	39.0	0.0	0.0	–	0.0	–	16.0	0.0	–	0.0	0.0	–	0.0
119.0	33.0	0.0	0.0	–	0.0	–	22.9	0.0	–	0.0	0.0	–	0.0
120.0	24.0	32.1	0.0	–	0.0	–	0.0	0.0	–	1308.2	119.3	–	68.4
120.0	25.0	12.8	0.0	–	11.4	–	3.4	0.0	–	351.0	68.5	–	88.9
120.0	30.0	0.0	0.0	–	0.0	–	3.0	0.0	–	8.6	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	24.4	89.5	–	7.8	–	0.0	0.0
120.0	45.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	25.0	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	11.7	–	0.0	0.0
123.0	42.0	–	–	0.0	0.0	–	2.9	0.0	–	0.0	–	0.0	0.0
127.0	33.0	–	–	0.0	0.0	–	0.0	0.0	–	11.3	–	0.0	0.0
127.0	34.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	5.2	–	0.0
127.0	40.0	–	–	0.0	0.0	–	6.7	0.0	–	–	0.0	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	3.2	–	–	0.0	2.9	0.0
130.0	28.0	–	–	3.3	0.0	–	0.0	0.0	–	–	250.9	4.7	0.0
130.0	30.0	–	–	0.0	0.0	–	3.0	0.0	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	121.6	0.0	–	–	0.0	0.0	–
137.0	22.0	–	–	0.0	0.0	–	0.0	33.0	–	–	0.0	0.0	0.0
137.0	23.0	–	–	0.0	0.0	–	0.0	6.5	–	–	0.0	0.0	0.0

Engraulis mordax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	50.0	6.7	–	–	–	–	–	–	–	–	–	–	–
57.0	51.0	–	9.6	–	–	–	–	–	–	–	–	–	–
60.0	50.0	101.4	15.8	–	–	0.0	–	0.0	9.2	–	2.7	–	–
60.0	52.0	38.8	219.0	–	–	0.0	–	0.0	0.0	–	3.5	0.0	–
60.0	55.0	0.0	10.0	–	–	0.0	–	0.0	0.0	–	0.0	2.9	–
60.0	60.0	0.0	8.8	–	–	0.0	–	34.3	3.3	–	0.0	0.0	–
60.0	65.0	0.0	0.0	–	–	0.0	–	20.5	3.2	–	0.0	0.0	–

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	3.1	0.0	-	-	0.0	-	24.6	11.3	-	0.0	0.0	-
63.0	50.0	269.7	908.5	-	-	0.0	-	199.7	2.2	-	0.0	405.4	-
63.0	52.0	12.7	913.9	-	-	0.0	-	4.3	0.0	-	11.6	15.1	-
63.0	55.0	6.4	75.7	-	-	0.0	-	0.0	0.0	-	0.0	15.5	-
63.0	60.0	0.0	228.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	0.0	3.0	-	-	4.2	-	0.0	3.5	-	6.9	0.0	-
63.0	70.0	0.0	3.0	-	-	0.0	-	0.0	6.8	-	0.0	0.0	-
67.0	48.0	87.8	170.2	-	-	55.4	-	3.4	6.3	-	23.3	10.3	-
67.0	50.0	105.9	30.0	-	-	3.4	-	0.0	6.6	-	98.1	0.0	-
67.0	55.0	3.2	1.5	-	-	0.0	-	10.7	0.0	-	0.0	0.0	-
67.0	60.0	13.1	22.5	-	-	0.0	-	7.1	-	-	0.0	0.0	-
67.0	65.0	0.0	23.9	-	-	0.0	-	0.0	3.4	-	0.0	0.0	-
67.0	80.0	0.0	0.0	-	-	-	-	11.6	6.7	-	0.0	0.0	-
70.0	51.0	138.4	1.6	-	-	0.0	-	0.0	0.0	-	0.0	107.3	-
70.0	53.0	545.5	1.8	-	-	0.0	-	0.0	3.1	-	2.9	0.0	-
70.0	60.0	0.0	8.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	0.0	-	-	0.0	-	6.7	0.0	-	0.0	0.0	-
70.0	70.0	0.0	0.0	-	-	0.0	-	3.3	3.0	-	0.0	0.0	-
70.0	75.0	-	0.0	-	-	0.0	-	-	3.1	-	-	0.0	-
70.0	80.0	0.0	0.0	-	-	0.0	-	71.8	0.0	-	0.0	0.0	-
70.0	100.0	-	1.7	-	-	0.0	-	-	0.0	-	-	0.0	-
73.0	50.0	438.8	81.2	-	-	0.0	-	11.5	3.2	-	9.5	0.0	-
73.0	53.0	65.8	21.1	-	-	0.0	-	0.0	0.0	-	6.7	0.0	-
73.0	60.0	0.0	0.0	-	-	0.0	-	23.9	0.0	-	0.0	0.0	-
73.0	65.0	0.0	9.7	-	-	0.0	-	361.9	0.0	-	0.0	0.0	-
73.0	70.0	0.0	0.0	-	-	0.0	-	100.0	0.0	-	0.0	0.0	-
73.0	80.0	0.0	0.0	-	-	0.0	-	11.9	0.0	-	0.0	0.0	-
77.0	48.0	295.4	50.6	-	-	0.0	-	0.0	1.0	-	48.4	0.0	-
77.0	51.0	1977.3	44.3	-	-	3.6	-	16.4	0.0	-	60.7	3.5	-
77.0	55.0	273.8	20.8	-	-	0.0	-	9.9	0.0	-	3.3	0.0	-
77.0	60.0	0.0	32.2	-	-	0.0	-	97.2	3.3	-	0.0	0.0	-
77.0	65.0	0.0	10.3	-	-	0.0	-	380.8	0.0	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	0.0	-	3.2	0.0	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	391.7	2196.0	-	15.1	14.4	-	173.3	15.1	-	9.1	8.5	-
80.0	52.0	516.6	1207.6	-	117.7	93.8	-	538.2	56.0	-	21.1	14.9	-
80.0	55.0	978.1	84.0	-	0.0	0.0	-	55.0	23.9	-	99.2	3.3	-
80.0	60.0	6.6	61.0	-	0.0	0.0	-	9.8	13.2	-	137.8	3.0	-
80.0	65.0	0.0	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	900.9	-	-	26.0	24.2	-	322.0	80.7	-	111.9	2.8	-
83.0	40.0	544.6	810.8	-	0.0	45.4	-	80.2	70.2	-	102.5	5.9	-
83.0	43.0	3348.8	389.0	-	6.6	617.6	-	4973.3	647.6	-	398.9	9.5	-
83.0	51.0	1065.0	976.6	-	133.7	1348.0	-	676.6	571.2	-	232.6	0.0	-
83.0	55.0	9.8	483.6	-	170.5	18.4	-	907.6	123.2	-	43.3	0.0	-
83.0	60.0	687.3	395.5	-	149.6	7.7	-	0.0	4.1	-	3.2	3.0	-
83.0	70.0	0.0	20.2	-	0.0	3.6	-	0.0	3.3	-	0.0	0.0	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	80.0	0.0	6.0	-	0.0	0.0	-	30.7	182.0	-	0.0	0.0	-
83.0	90.0	0.0	59.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
85.0	60.0	-	-	-	10.5	-	-	-	-	-	-	-	-
87.0	33.0	1855.3	2337.4	-	369.2	783.3	-	496.9	-	340.6	135.0	-	12.5
87.0	35.0	2586.9	2694.0	-	1510.6	361.9	-	2120.7	-	105.7	70.4	-	67.8
87.0	40.0	6227.0	1338.2	-	420.1	2472.1	-	910.9	-	1234.6	629.9	-	0.0
87.0	45.0	3418.6	2601.9	-	219.1	166.1	-	215.6	-	340.3	158.9	-	21.9
87.0	50.0	516.3	181.7	-	558.3	164.8	-	222.2	-	172.7	68.2	-	68.8
87.0	55.0	105.3	2380.2	-	40.8	14.3	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	0.0	3190.9	-	-	0.0	-	10.0	-	0.0	0.0	0.0	-
87.0	70.0	9.9	179.6	-	3.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	0.0	34.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	90.0	6.9	62.5	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	2405.8	18122.8	-	300.9	504.6	-	182.6	-	206.4	103.8	-	814.9
90.0	32.0	2378.7	15564.7	-	1027.2	9133.0	-	1170.7	-	350.9	259.5	-	1049.8
90.0	37.0	6460.3	4007.9	-	1118.8	701.0	-	1405.3	-	496.3	88.7	-	902.4
90.0	39.0	-	8341.6	-	-	1479.7	-	-	-	121.7	-	-	28.7
90.0	45.0	428.8	4738.4	4048.1	693.6	249.2	-	1479.4	-	519.8	14.0	-	0.0
90.0	53.0	5220.6	1635.2	-	1358.8	1372.4	-	82.8	-	0.0	0.0	-	31.8
90.0	60.0	1677.9	6060.6	3953.7	749.4	3.3	-	0.0	-	0.0	0.0	-	0.0
90.0	65.0	-	-	25.3	-	-	-	-	-	-	-	-	-
90.0	70.0	0.0	162.7	-	3.2	6.4	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	3.3	-	0.0
90.0	90.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	3.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	27.0	352.6	9125.6	-	3048.8	32.8	-	188.3	-	13.9	89.9	-	314.1
93.0	28.0	46.8	2488.8	-	2460.2	188.4	-	2452.4	-	134.3	337.3	-	227.9
93.0	30.0	178.8	8355.9	-	1723.1	42.1	-	772.5	-	550.8	6.8	-	438.9
93.0	35.0	22.3	7713.1	-	764.6	2519.9	-	1007.2	-	1663.1	3.5	-	70.6
93.0	40.0	1622.4	1875.7	-	316.2	1060.3	-	538.9	-	12.4	3.1	-	0.0
93.0	45.0	6.2	6428.4	-	1002.6	2379.5	-	1545.5	-	10.1	0.0	-	9.5
93.0	50.0	3.4	3852.8	-	2696.3	930.2	-	117.0	-	71.5	0.0	-	24.5
93.0	55.0	2154.5	7583.1	-	390.6	524.8	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	890.9	-	181.6	288.0	-	3.0	-	35.9	0.0	-	0.0
93.0	70.0	0.0	2743.4	-	338.0	287.5	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	3.0	-	6.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	19.6	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	2040.4	2207.6	-	-	-	-	-	-	-	-	-	-
97.0	29.0	359.0	735.8	-	415.4	-	60.4	30.3	-	12.2	40.1	-	681.6
97.0	30.0	107.2	1163.8	-	1084.9	-	101.4	68.9	-	14.6	0.0	-	288.7
97.0	32.0	283.8	1337.6	-	1838.7	-	6773.8	70.1	-	43.0	60.2	-	711.4
97.0	35.0	0.0	444.5	-	2066.4	-	27.1	1589.8	-	0.0	145.3	-	1467.7
97.0	40.0	0.0	1745.8	-	1588.1	-	235.3	9.1	-	15.7	1551.0	-	0.0
97.0	45.0	3.2	3368.1	-	865.6	-	27.1	7.6	-	123.6	29.5	-	28.7
97.0	50.0	0.0	1035.6	-	197.5	-	0.0	9.7	-	0.0	0.0	-	9.7
97.0	55.0	0.0	3080.3	-	536.3	-	0.0	4.0	-	0.0	0.0	-	10.0

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	60.0	0.0	10211.5	-	37.0	-	0.0	107.9	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	61.8	-	20.8	86.1	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	336.8	-	0.0	33.6	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	519.8	436.6	-	445.5	-	123.8	68.4	-	2.7	2.4	-	152.8
100.0	30.0	209.3	2114.7	-	1579.9	-	329.4	350.8	-	45.1	33.7	-	265.7
100.0	35.0	0.0	666.7	-	468.8	-	3185.4	64.1	-	12.0	16.0	-	77.2
100.0	40.0	301.7	54.9	-	1101.8	-	9.2	68.4	-	152.4	0.0	-	3.1
100.0	45.0	60.5	26.5	-	107.7	-	5.3	398.2	-	229.8	79.4	-	0.0
100.0	50.0	7.0	13.4	-	39.0	-	13.1	3.5	-	16.4	12.6	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	12.7	36.9	-	0.0	15.0	-	5.8
100.0	60.0	0.0	0.0	-	3.2	-	9.6	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	116.5	-	3.2	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	0.0	25.5	-	0.0	0.0	-	0.0
103.0	29.0	6.2	549.4	-	514.4	-	184.0	10.7	-	79.2	7.7	-	116.1
103.0	30.0	30.9	290.4	-	2593.7	-	43.9	17.6	-	9.4	5.6	-	1096.7
103.0	35.0	5.9	965.7	-	151.2	-	1296.9	0.0	-	3.5	0.0	-	472.8
103.0	40.0	0.0	0.0	-	56.4	-	0.0	0.0	-	3.6	0.0	-	55.6
103.0	45.0	8.4	149.9	-	12.4	-	0.0	0.0	-	6.6	3.2	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	3.5	21.5	-	0.0	149.2	-	0.0
103.0	55.0	3.7	0.0	-	2.7	-	10.6	3.5	-	0.0	87.4	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
103.0	70.0	0.0	0.0	-	208.8	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	21.5	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	31.0	259.6	832.7	-	701.8	-	40.0	5.0	-	-	0.0	-	116.8
107.0	32.0	95.7	2496.6	-	276.4	-	54.0	68.8	-	2.7	96.9	-	2641.2
107.0	35.0	0.0	37.2	-	0.0	-	73.1	44.9	-	0.0	3.2	-	956.3
107.0	40.0	3.3	81.0	-	6.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	484.1	-	9.1	-	0.0	0.0	-	0.0	0.0	-	3.3
107.0	50.0	0.0	0.0	-	29.3	-	0.0	0.0	-	3.2	0.0	-	0.0
107.0	55.0	0.0	0.0	-	9.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	12.4	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	128.9	843.3	-	37.7	-	233.2	15.5	-	0.0	18.6	-	37.7
110.0	35.0	379.6	2779.2	-	701.8	-	15.6	10.3	-	0.0	3.2	-	169.9
110.0	40.0	440.4	1601.3	-	1577.7	-	0.0	0.0	-	0.0	8.4	-	40.7
110.0	45.0	66.0	6.4	-	1561.3	-	0.0	0.0	-	0.0	0.0	-	2.8
110.0	50.0	3.0	0.0	-	17.7	-	0.0	0.0	-	0.0	0.0	-	27.1
110.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.1	11.7	-	0.0
110.0	70.0	0.0	3.5	-	8.1	-	0.0	0.0	-	0.0	0.0	-	193.4
110.0	80.0	0.0	3.6	-	159.5	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	294.6	-	154.1	-	23.4	1.5	-	2.3	47.1	-	85.9
113.0	30.0	2.9	1570.5	-	130.9	-	7.6	0.0	-	0.0	9.5	-	46.7
113.0	35.0	70.4	133.8	-	510.4	-	2181.3	107.9	-	0.0	24.2	-	0.0
113.0	40.0	0.0	8843.5	-	2094.9	-	0.0	216.1	-	3.3	12.3	-	57.6
113.0	45.0	2.8	686.1	-	6.0	-	24.2	0.0	-	9.0	37.4	-	0.0

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	50.0	0.0	3387.6	-	28.1	-	6.1	0.0	-	0.0	162.4	-	5.9
113.0	60.0	0.0	63.9	-	191.4	-	11.5	0.0	-	0.0	0.0	-	98.2
113.0	70.0	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	25.0	105.6	45.8	-	5.8	-	26.3	0.0	-	7.0	80.8	-	21.4
117.0	26.0	79.9	6.7	-	7.4	-	0.0	0.0	-	36.3	78.1	-	40.1
117.0	30.0	20.7	260.3	-	98.3	-	679.5	358.1	-	24.1	0.0	-	266.9
117.0	35.0	5.8	622.9	-	40.8	-	648.4	182.2	-	8.8	0.0	-	221.2
117.0	40.0	2227.2	6355.8	-	0.0	-	1755.6	11.3	-	0.0	20.6	-	147.4
117.0	45.0	22.2	4351.1	-	0.0	-	43.0	0.0	-	33.8	-	30.4	0.0
117.0	50.0	34.3	2379.5	-	1480.5	-	50.4	0.0	-	3.2	-	2.8	0.0
117.0	60.0	0.0	44.9	-	872.2	-	0.0	0.0	-	0.0	-	0.0	0.0
118.0	39.0	6.0	744.0	-	17.2	-	834.1	77.4	-	19.6	54.2	-	351.6
119.0	33.0	30.4	953.5	-	1509.7	-	26.2	142.3	-	0.0	92.8	-	68.6
120.0	24.0	19.8	538.2	-	48.3	-	116.5	0.0	-	33.8	20.4	-	75.2
120.0	25.0	256.2	2945.1	-	145.3	-	67.8	0.0	-	13.5	398.0	-	391.2
120.0	30.0	29.8	188.7	-	166.1	-	71.5	29.8	-	2.9	6.4	-	11.1
120.0	35.0	3.1	-	309.1	789.4	-	27.7	2.5	-	44.6	0.0	-	0.0
120.0	40.0	21.5	-	317.2	170.6	-	106.6	10.7	-	7.8	-	33.1	44.3
120.0	45.0	0.0	-	1591.0	37.1	-	0.0	3.7	-	11.6	-	21.8	0.0
120.0	50.0	0.0	-	14.2	56.8	-	3.1	0.0	-	8.8	-	6.0	0.0
120.0	55.0	-	-	1192.3	-	-	0.0	-	-	0.0	-	-	0.0
120.0	60.0	0.0	-	0.0	0.0	-	35.2	0.0	-	0.0	-	0.0	0.0
120.0	70.0	0.0	-	15.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	80.0	-	-	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	90.0	-	-	2.6	-	-	0.0	-	-	0.0	-	-	0.0
123.0	36.0	-	-	187.2	133.2	-	29.5	3.8	-	8.3	-	0.0	29.3
123.0	37.0	-	-	403.8	19.8	-	18.8	5.1	-	5.9	-	0.0	85.3
123.0	42.0	-	-	1409.3	65.3	-	2.9	36.0	-	0.0	-	0.0	19.8
123.0	45.0	-	-	608.8	48.3	-	0.0	0.0	-	0.0	-	0.0	198.7
123.0	50.0	-	-	28.2	45.6	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	60.0	-	-	0.0	13.9	-	0.0	0.0	-	0.0	-	3.1	0.0
127.0	33.0	-	-	343.2	0.0	-	105.6	15.3	-	5.6	-	19.7	1199.0
127.0	34.0	-	-	2500.5	4.8	-	483.2	108.4	-	0.0	0.0	-	715.3
127.0	40.0	-	-	1125.5	28.4	-	0.0	537.4	-	-	3.6	0.0	59.6
127.0	45.0	-	-	160.1	15.4	-	0.0	9.7	-	-	0.0	0.0	9.2
127.0	50.0	-	-	21.3	3.4	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	60.0	-	-	31.9	304.3	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	28.0	-	-	1306.8	0.0	-	114.3	0.0	-	-	31.6	77.5	5.3
130.0	30.0	-	-	54.9	21.5	-	181.2	0.0	-	-	14.7	18.0	326.1
130.0	35.0	-	-	44.2	80.2	-	98.3	7.3	-	-	0.0	3.0	0.0
130.0	40.0	-	-	956.3	37.8	-	234.7	20.5	-	-	0.0	0.0	0.0
130.0	45.0	-	-	1135.7	3.3	-	72.2	19.0	-	-	0.0	0.0	-
130.0	50.0	-	-	65.0	0.0	-	6.4	36.8	-	-	0.0	0.0	-
130.0	60.0	-	-	20.9	0.0	-	0.0	0.0	-	-	0.0	0.0	-
133.0	23.0	-	-	106.1	0.0	-	13.4	0.0	-	-	13.0	0.0	109.1
133.0	25.0	-	-	1420.5	5.1	-	633.6	2.4	-	-	14.9	33.6	80.2

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	30.0	-	-	2137.1	10.9	-	0.0	3.5	-	-	10.4	23.4	103.7
133.0	35.0	-	-	369.5	2.8	-	0.0	48.0	-	-	0.0	0.0	2.9
133.0	40.0	-	-	61.2	0.0	-	0.0	0.0	-	-	0.0	24.8	0.0
133.0	50.0	-	-	23.7	54.2	-	0.0	0.0	-	-	0.0	0.0	-
133.0	60.0	-	-	7.2	45.4	-	0.0	0.0	-	-	3.3	0.0	-
137.0	22.0	-	-	69.7	70.6	-	20.5	24.2	-	-	69.5	14.7	245.0
137.0	23.0	-	-	249.6	448.4	-	2.7	6.5	-	-	9.5	202.3	351.4
137.0	30.0	-	-	934.6	0.0	-	0.0	9.8	-	-	0.0	0.0	11.7
137.0	35.0	-	-	139.4	2.9	-	33.7	0.0	-	-	3.5	0.0	0.0
137.0	40.0	-	-	132.6	0.0	-	265.6	0.0	-	-	0.0	0.0	-
137.0	50.0	-	-	3.4	0.0	-	2.8	0.0	-	-	0.0	0.0	-
137.0	60.0	-	-	23.0	26.3	-	0.0	0.0	-	-	0.0	0.0	-

Argentina sialis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	0.0	-	-	0.0	-	0.0	3.1	-	0.0	-	-
60.0	55.0	2.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	0.0	-	-	0.0	-	0.0	3.4	-	0.0	0.0	-
67.0	50.0	0.0	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	6.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	22.1	0.0	-	0.0	12.2	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	10.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	25.2	-	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	22.5	0.0	-	0.0	4.1	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	0.0	7.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	35.0	0.0	14.9	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	9.8	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0	28.0	6.7	30.1	-	0.0	2.9	-	0.0	-	0.0	0.0	-	2.8
90.0	32.0	0.0	9.5	-	3.4	0.0	-	3.6	-	0.0	0.0	-	3.3
90.0	37.0	0.0	0.0	-	0.0	3.4	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	0.0	-	-	0.0	-	-	-	0.0	-	-	3.2
93.0	27.0	2.9	2.7	-	0.0	0.0	-	2.8	-	0.0	0.0	-	0.0
93.0	28.0	3.3	6.1	-	3.1	3.1	-	3.2	-	0.0	0.0	-	0.0
93.0	30.0	0.0	6.9	-	6.6	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	0.0	-	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	6.4	-	12.4	-	22.0	3.6	-	0.0	0.0	-	0.0
100.0	35.0	0.0	6.3	-	0.0	-	6.9	4.6	-	0.0	0.0	-	0.0
100.0	45.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	-	0.0	3.4	-	-	0.0	-	0.0
107.0	32.0	0.0	73.0	-	2.8	-	0.0	58.5	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Argentina sialis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	40.0	0.0	7.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	32.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.7
110.0	35.0	0.0	47.7	–	0.0	–	0.0	24.1	–	0.0	0.0	–	8.8
110.0	40.0	0.0	3.3	–	49.2	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	45.0	0.0	0.0	–	9.1	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
113.0	40.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	45.0	0.0	0.0	–	0.0	–	48.3	0.0	–	3.0	0.0	–	0.0
113.0	50.0	0.0	3.6	–	9.4	–	3.0	0.0	–	0.0	0.0	–	0.0
117.0	30.0	0.0	0.0	–	10.1	–	0.0	2.1	–	0.0	0.0	–	0.0
117.0	35.0	43.5	26.1	–	2.7	–	0.0	5.4	–	17.5	0.0	–	0.0
117.0	40.0	0.0	45.5	–	0.0	–	16.7	3.8	–	0.0	6.9	–	11.6
117.0	45.0	3.2	28.7	–	0.0	–	3.3	0.0	–	0.0	–	0.0	0.0
117.0	50.0	0.0	7.0	–	0.0	–	15.5	0.0	–	0.0	–	0.0	0.0
118.0	39.0	57.2	46.3	–	60.1	–	184.5	0.0	–	16.3	15.1	–	35.8
119.0	33.0	0.0	0.0	–	5.5	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	46.3	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	50.0	0.0	–	0.0	6.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	37.0	–	–	6.5	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
133.0	30.0	–	–	10.8	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
137.0	35.0	–	–	3.3	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0

Microstoma microstoma

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	65.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.7	0.0	–
60.0	90.0	0.0	0.0	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
63.0	90.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
67.0	55.0	0.0	0.0	–	–	0.0	–	3.6	3.4	–	0.0	0.0	–
67.0	65.0	0.0	0.0	–	–	0.0	–	3.5	0.0	–	0.0	0.0	–
73.0	53.0	0.0	1.3	–	–	3.9	–	0.0	0.0	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	0.0	–	0.0	2.6	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–
77.0	51.0	0.0	0.0	–	–	0.0	–	0.0	3.1	–	0.0	0.0	–
77.0	70.0	2.7	0.0	–	–	0.0	–	0.0	3.6	–	0.0	0.0	–
77.0	90.0	0.0	1.7	–	3.4	0.0	–	0.0	3.2	–	0.0	0.0	–
80.0	65.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	3.0	–
80.0	70.0	0.0	–	–	0.0	3.7	–	0.0	3.0	–	–	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
83.0	60.0	0.0	0.0	–	0.0	0.0	–	3.6	4.1	–	0.0	0.0	–
83.0	70.0	0.0	0.0	–	0.0	3.6	–	6.2	0.0	–	0.0	3.2	–
83.0	80.0	0.0	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.0	–
87.0	60.0	0.0	0.0	–	–	0.0	–	0.0	–	0.0	3.5	3.1	–

TABLE 4. (cont.)

Microstoma microstoma (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	0.0	–	5.9	3.6	–	3.6	–	0.0	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.9	0.0	0.0	–
87.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.3	0.0	–
90.0	70.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
90.0	80.0	0.0	0.0	–	0.0	0.0	–	3.0	–	0.0	0.0	–	2.5
90.0	100.0	0.0	–	–	3.3	–	–	0.0	–	–	0.0	–	–
93.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0
93.0	45.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0
93.0	50.0	3.4	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	55.0	0.0	0.0	–	0.0	0.0	–	3.0	–	–	0.0	–	0.0
93.0	70.0	0.0	0.0	–	3.4	3.2	–	6.1	–	0.0	0.0	–	3.1
93.0	90.0	3.2	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	100.0	3.4	–	–	0.0	–	–	0.0	–	–	0.0	–	–
97.0	35.0	0.0	0.0	–	3.2	–	0.0	0.0	–	3.0	0.0	–	0.0
97.0	55.0	0.0	0.0	–	3.1	–	0.0	0.0	–	2.8	0.0	–	0.0
97.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
97.0	90.0	0.0	–	–	0.0	–	0.0	0.0	–	5.9	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
100.0	50.0	0.0	10.1	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	3.2	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	3.0
103.0	50.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0
103.0	60.0	0.0	0.0	–	3.6	–	3.0	0.0	–	0.0	0.0	–	0.0
103.0	70.0	0.0	0.0	–	3.1	–	3.3	0.0	–	0.0	0.0	–	0.0
110.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.4	0.0	–	0.0
110.0	70.0	0.0	0.0	–	5.4	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	45.0	0.0	0.0	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
117.0	50.0	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	55.0	–	–	0.0	–	–	0.0	–	–	6.9	–	–	0.0

Nansenia candida

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	2.8	–	–	–	–	–	–	–	–	–	–	–
40.0	55.0	4.3	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	2.6	–	–	–	–	–	–	–	–	–	–	–
43.0	90.0	5.0	–	–	–	–	–	–	–	–	–	–	–
43.0	100.0	3.1	–	–	–	–	–	–	–	–	–	–	–
50.0	60.0	–	2.2	–	–	–	–	–	–	–	–	–	–
60.0	90.0	0.0	0.0	–	–	22.5	–	0.0	0.0	–	0.0	0.0	–
63.0	90.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
67.0	90.0	0.0	3.4	–	–	12.9	–	0.0	0.0	–	0.0	0.0	–
70.0	70.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
70.0	90.0	0.0	3.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Nansenia candida (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 110.0	–	0.0	–	–	56.7	–	–	0.0	–	–	–	–
73.0 90.0	0.0	3.4	–	–	52.2	–	0.0	0.0	–	0.0	0.0	–
77.0 80.0	0.0	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 90.0	0.0	0.0	–	3.4	14.3	–	0.0	0.0	–	0.0	0.0	–
80.0 80.0	0.0	0.0	–	2.8	13.8	–	0.0	0.0	–	0.0	0.0	–
80.0 90.0	0.0	0.0	–	0.0	3.3	–	0.0	0.0	–	0.0	0.0	–
83.0 80.0	0.0	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0	0.0	–
83.0 90.0	0.0	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0	0.0	–
87.0 70.0	0.0	3.2	–	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–
87.0 80.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	0.0	–
87.0 90.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	0.0	–
90.0 90.0	0.0	0.0	–	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0 100.0	0.0	–	–	3.3	–	–	0.0	–	–	0.0	–	–
93.0 90.0	0.0	0.0	–	5.8	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0 100.0	0.0	–	–	3.2	–	–	0.0	–	–	0.0	–	–
107.0 60.0	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0

Nansenia crassa

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0 35.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0 35.0	0.0	0.0	–	3.2	–	0.0	0.0	–	3.5	0.0	–	0.0
110.0 40.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0 45.0	3.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
110.0 50.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0 60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.9	–	0.0
110.0 70.0	0.0	0.0	–	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0 35.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0 40.0	0.0	3.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0 60.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0 35.0	0.0	0.0	–	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0 45.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
117.0 50.0	0.0	7.0	–	0.0	–	0.0	3.4	–	0.0	–	0.0	0.0
117.0 60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	3.0
120.0 45.0	3.2	–	10.5	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0 50.0	0.0	–	0.0	6.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0 70.0	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0 45.0	–	–	6.8	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0 50.0	–	–	7.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0 45.0	–	–	3.5	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
127.0 60.0	–	–	3.5	0.0	–	12.5	3.1	–	–	0.0	0.0	3.0
130.0 40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	0.0	3.0
130.0 45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.7	0.0	–
130.0 60.0	–	–	0.0	0.0	–	0.0	7.0	–	–	0.0	0.0	–
133.0 35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	0.0	2.9

TABLE 4. (cont.)

Nansenia crassa (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 40.0	-	-	3.4	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0 50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.2	0.0	-
133.0 60.0	-	-	3.6	0.0	-	0.0	0.0	-	-	0.0	3.4	-
137.0 50.0	-	-	0.0	0.0	-	2.8	0.0	-	-	3.2	0.0	-
137.0 60.0	-	-	0.0	0.0	-	3.0	0.0	-	-	0.0	0.0	-

Bathylagus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 38.0	3.4	-	-	-	-	-	-	-	-	-	-	-
40.0 40.0	4.3	-	-	-	-	-	-	-	-	-	-	-
40.0 45.0	37.4	-	-	-	-	-	-	-	-	-	-	-
40.0 50.0	2.8	-	-	-	-	-	-	-	-	-	-	-
40.0 55.0	4.3	-	-	-	-	-	-	-	-	-	-	-
40.0 60.0	13.2	-	-	-	-	-	-	-	-	-	-	-
40.0 70.0	2.4	-	-	-	-	-	-	-	-	-	-	-
40.0 80.0	5.0	-	-	-	-	-	-	-	-	-	-	-
40.0 90.0	12.2	-	-	-	-	-	-	-	-	-	-	-
43.0 50.0	19.2	-	-	-	-	-	-	-	-	-	-	-
43.0 55.0	15.2	-	-	-	-	-	-	-	-	-	-	-
47.0 50.0	10.1	-	-	-	-	-	-	-	-	-	-	-
47.0 55.0	7.2	-	-	-	-	-	-	-	-	-	-	-
47.0 100.0	9.2	-	-	-	-	-	-	-	-	-	-	-
50.0 55.0	-	15.4	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	4.5	-	-	-	-	-	-	-	-	-	-
50.0 100.0	-	20.0	-	-	-	-	-	-	-	-	-	-
53.0 55.0	-	29.5	-	-	-	-	-	-	-	-	-	-
53.0 70.0	-	27.3	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	52.7	-	-	-	-	-	-	-	-	-	-
57.0 55.0	-	22.2	-	-	-	-	-	-	-	-	-	-
57.0 60.0	-	20.4	-	-	-	-	-	-	-	-	-	-
57.0 70.0	-	2.9	-	-	-	-	-	-	-	-	-	-
60.0 60.0	6.0	26.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 65.0	22.4	8.2	-	-	6.7	-	0.0	0.0	-	0.0	0.0	-
60.0 70.0	12.5	11.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 80.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	6.5	-
60.0 90.0	19.9	0.0	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
63.0 50.0	0.0	0.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 52.0	6.4	4.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 55.0	0.0	37.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 60.0	6.6	17.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 65.0	3.0	24.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 70.0	63.1	0.0	-	-	0.0	-	0.0	0.0	-	3.5	0.0	-
63.0 100.0	-	15.8	-	-	-	-	-	-	-	-	-	-
67.0 50.0	43.0	9.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Bathylagus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	55.0	29.1	21.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	60.0	6.5	40.4	-	-	3.4	-	0.0	-	-	0.0	3.5	-
67.0	65.0	0.0	60.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	0.0	90.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	80.0	3.0	1.6	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	0.0	1.7	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
70.0	53.0	3.2	75.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
70.0	60.0	29.7	10.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	28.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	70.0	3.3	52.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	80.0	0.0	27.7	-	-	3.5	-	0.0	0.0	-	0.0	2.8	-
70.0	90.0	4.8	8.4	-	-	8.7	-	6.2	0.0	-	0.0	3.0	-
73.0	53.0	209.3	17.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	169.6	14.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0	65.0	57.8	59.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	70.0	69.7	3.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	80.0	27.2	3.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	7.0	-	3.4	0.0	-	0.0	0.0	-
77.0	48.0	18.5	2.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	51.0	0.0	3.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	40.6	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	57.1	16.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	65.0	42.8	69.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	70.0	0.0	4.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	10.2	1.7	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	90.0	17.9	1.7	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	3.2	0.0	-	50.9	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	19.1	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	0.0	0.0	-	8.9	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	9.6	0.0	-	0.0	0.0	-	-	0.0	-
80.0	80.0	0.0	0.0	-	8.5	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	13.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	0.0	0.0	-	9.8	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	39.1	0.0	-	7.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	6.2	7.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	70.0	9.6	23.6	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	3.1	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	35.0	20.6	0.0	-	23.9	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	13.0	3.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	45.0	21.1	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	9.9	0.0	-	7.4	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	0.0	6.8	-	-	0.0	-	0.0	-	3.2	0.0	0.0	-
87.0	70.0	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	0.0	0.0	-	24.4	0.0	-	0.0	-	0.0	0.0	0.0	-

TABLE 4. (cont.)

Bathylagus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	90.0	20.7	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–
90.0	28.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.8
90.0	32.0	23.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	6.5
90.0	37.0	53.9	16.2	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	45.0	30.1	0.0	0.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	53.0	23.1	6.4	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	80.0	0.0	0.0	–	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0
90.0	90.0	0.0	0.0	–	3.1	0.0	–	3.0	–	0.0	0.0	–	0.0
90.0	100.0	0.0	–	–	3.3	–	–	0.0	–	–	0.0	–	–
93.0	28.0	0.0	18.3	–	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2
93.0	30.0	6.5	0.0	–	3.3	0.0	–	0.0	–	0.0	0.0	–	13.2
93.0	40.0	3.2	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	45.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	6.3
93.0	50.0	3.4	0.0	–	44.3	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	55.0	0.0	0.0	–	9.5	0.0	–	0.0	–	–	0.0	–	0.0
93.0	70.0	0.0	0.0	–	3.4	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	80.0	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0
97.0	50.0	0.0	0.0	–	30.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	55.0	0.0	0.0	–	12.4	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	60.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
97.0	80.0	0.0	–	–	19.6	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	90.0	0.0	–	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	29.0	0.0	0.0	–	8.1	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	6.3	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	45.0	0.0	9.9	–	2.9	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	50.0	0.0	0.0	–	0.0	–	4.4	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	4.3	–	0.0	0.0	–	0.0
100.0	90.0	0.0	0.0	–	3.1	–	3.0	4.5	–	0.0	0.0	–	0.0
103.0	35.0	0.0	0.0	–	6.3	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	70.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	80.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
107.0	31.0	0.0	0.0	–	0.0	–	2.9	0.0	–	–	0.0	–	0.0
107.0	32.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
107.0	40.0	0.0	7.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	45.0	0.0	10.9	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	0.0	–	0.0	–	11.1	0.0	–	0.0	0.0	–	0.0
107.0	55.0	0.0	0.0	–	3.0	–	6.4	0.0	–	0.0	0.0	–	0.0
107.0	60.0	0.0	0.0	–	0.0	–	13.2	0.0	–	0.0	0.0	–	0.0
110.0	40.0	0.0	10.1	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	3.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	70.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	3.6	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
113.0	35.0	0.0	3.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	40.0	0.0	3.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Bathylagus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	60.0	10.6	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	70.0	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	80.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
117.0	25.0	0.0	6.5	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
118.0	39.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0	–	0.0	0.0
120.0	50.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	–	0.0	0.0
120.0	80.0	–	–	0.0	0.0	–	3.6	0.0	–	0.0	–	0.0	0.0
123.0	37.0	–	–	3.2	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
130.0	35.0	–	–	11.0	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	50.0	–	–	0.0	2.7	–	0.0	0.0	–	–	0.0	0.0	–

Bathylagus milleri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	2.1	–	–	–	–	–	–	–	–	–	–	–
40.0	100.0	2.9	–	–	–	–	–	–	–	–	–	–	–
47.0	90.0	3.5	–	–	–	–	–	–	–	–	–	–	–
50.0	55.0	–	3.1	–	–	–	–	–	–	–	–	–	–
50.0	70.0	–	3.2	–	–	–	–	–	–	–	–	–	–
50.0	80.0	–	3.3	–	–	–	–	–	–	–	–	–	–
50.0	100.0	–	3.3	–	–	–	–	–	–	–	–	–	–
53.0	80.0	–	3.1	–	–	–	–	–	–	–	–	–	–
57.0	70.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0	70.0	6.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	6.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	70.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	3.5	0.0	–
63.0	90.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–
67.0	60.0	0.0	0.0	–	–	3.4	–	0.0	–	–	0.0	0.0	–
67.0	65.0	5.9	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	70.0	0.0	2.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	80.0	0.0	0.0	–	–	–	–	0.0	3.4	–	0.0	0.0	–
67.0	90.0	0.0	0.0	–	–	0.0	–	3.9	0.0	–	0.0	0.0	–
70.0	60.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	65.0	0.0	0.9	–	–	0.0	–	0.0	0.0	–	0.0	3.0	–
70.0	75.0	–	3.8	–	–	3.4	–	–	0.0	–	–	0.0	–
70.0	80.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	2.8	–
70.0	90.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	53.0	0.0	1.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	0.0	1.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	65.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	70.0	2.7	1.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
93.0	55.0	3.3	0.0	–	0.0	0.0	–	0.0	–	–	0.0	–	0.0

TABLE 4. (cont.)

Bathylagus ochotensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 38.0	1.7	-	-	-	-	-	-	-	-	-	-	-
40.0 40.0	2.1	-	-	-	-	-	-	-	-	-	-	-
40.0 45.0	23.0	-	-	-	-	-	-	-	-	-	-	-
40.0 50.0	107.6	-	-	-	-	-	-	-	-	-	-	-
40.0 55.0	21.6	-	-	-	-	-	-	-	-	-	-	-
40.0 60.0	79.2	-	-	-	-	-	-	-	-	-	-	-
40.0 70.0	12.2	-	-	-	-	-	-	-	-	-	-	-
40.0 80.0	9.9	-	-	-	-	-	-	-	-	-	-	-
40.0 90.0	32.5	-	-	-	-	-	-	-	-	-	-	-
40.0 100.0	46.4	-	-	-	-	-	-	-	-	-	-	-
43.0 45.0	17.1	-	-	-	-	-	-	-	-	-	-	-
43.0 50.0	112.3	-	-	-	-	-	-	-	-	-	-	-
43.0 55.0	63.8	-	-	-	-	-	-	-	-	-	-	-
43.0 60.0	43.1	-	-	-	-	-	-	-	-	-	-	-
43.0 70.0	10.6	-	-	-	-	-	-	-	-	-	-	-
43.0 80.0	5.3	-	-	-	-	-	-	-	-	-	-	-
43.0 90.0	50.2	-	-	-	-	-	-	-	-	-	-	-
43.0 100.0	96.4	-	-	-	-	-	-	-	-	-	-	-
47.0 50.0	13.4	-	-	-	-	-	-	-	-	-	-	-
47.0 55.0	25.1	-	-	-	-	-	-	-	-	-	-	-
47.0 60.0	47.9	-	-	-	-	-	-	-	-	-	-	-
47.0 70.0	211.9	-	-	-	-	-	-	-	-	-	-	-
47.0 80.0	64.8	-	-	-	-	-	-	-	-	-	-	-
47.0 90.0	34.8	-	-	-	-	-	-	-	-	-	-	-
47.0 100.0	24.6	-	-	-	-	-	-	-	-	-	-	-
47.0 120.0	3.2	-	-	-	-	-	-	-	-	-	-	-
50.0 47.0	-	25.6	-	-	-	-	-	-	-	-	-	-
50.0 50.0	-	60.5	-	-	-	-	-	-	-	-	-	-
50.0 55.0	-	58.7	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	239.7	-	-	-	-	-	-	-	-	-	-
50.0 70.0	-	16.0	-	-	-	-	-	-	-	-	-	-
50.0 80.0	-	9.8	-	-	-	-	-	-	-	-	-	-
50.0 100.0	-	20.0	-	-	-	-	-	-	-	-	-	-
50.0 120.0	17.6	-	-	-	-	-	-	-	-	-	-	-
53.0 52.0	-	8.7	-	-	-	-	-	-	-	-	-	-
53.0 55.0	-	32.5	-	-	-	-	-	-	-	-	-	-
53.0 60.0	-	17.6	-	-	-	-	-	-	-	-	-	-
53.0 70.0	-	36.4	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	71.3	-	-	-	-	-	-	-	-	-	-
53.0 90.0	-	24.6	-	-	-	-	-	-	-	-	-	-
53.0 100.0	-	12.9	-	-	-	-	-	-	-	-	-	-
57.0 55.0	-	28.5	-	-	-	-	-	-	-	-	-	-
57.0 60.0	-	17.5	-	-	-	-	-	-	-	-	-	-
57.0 70.0	-	5.7	-	-	-	-	-	-	-	-	-	-
57.0 80.0	-	39.2	-	-	-	-	-	-	-	-	-	-
57.0 90.0	-	38.1	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0 100.0	–	21.7	–	–	–	–	–	–	–	–	–	–
60.0 52.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
60.0 55.0	14.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0 60.0	45.0	29.3	–	–	0.0	–	10.3	3.3	–	0.0	3.8	–
60.0 65.0	67.2	35.5	–	–	10.1	–	0.0	0.0	–	0.0	10.1	–
60.0 70.0	37.6	0.0	–	–	3.8	–	14.8	0.0	–	0.0	0.0	–
60.0 80.0	73.3	88.8	–	–	7.5	–	0.0	3.0	–	0.0	6.5	–
60.0 90.0	16.6	0.0	–	–	3.2	–	0.0	0.0	–	0.0	3.1	–
63.0 52.0	0.0	2.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0 55.0	60.4	37.2	–	–	8.9	–	0.0	0.0	–	0.0	2.6	–
63.0 60.0	3.3	32.7	–	–	7.5	–	4.6	0.0	–	0.0	0.0	–
63.0 65.0	3.0	90.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
63.0 70.0	102.9	35.5	–	–	0.0	–	4.0	3.4	–	0.0	3.2	–
63.0 80.0	9.6	3.0	–	–	–	–	–	0.0	–	0.0	0.0	–
63.0 90.0	9.6	3.0	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–
63.0 100.0	–	25.3	–	–	–	–	–	–	–	–	–	–
63.0 120.0	–	3.2	–	–	–	–	–	–	–	–	–	–
67.0 48.0	1.2	1.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0 50.0	43.0	0.0	–	–	6.8	–	3.5	0.0	–	0.0	0.0	–
67.0 55.0	58.1	41.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0 60.0	42.5	38.3	–	–	3.4	–	7.1	–	–	3.6	7.1	–
67.0 65.0	47.5	40.7	–	–	0.0	–	0.0	10.3	–	0.0	10.1	–
67.0 70.0	32.6	103.1	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0 80.0	3.0	14.3	–	–	–	–	0.0	0.0	–	0.0	0.0	–
67.0 90.0	9.9	0.0	–	–	0.0	–	3.9	3.2	–	0.0	0.0	–
70.0 51.0	0.0	0.0	–	–	9.8	–	0.0	0.0	–	0.0	0.0	–
70.0 53.0	12.8	40.0	–	–	8.8	–	3.3	0.0	–	0.0	3.2	–
70.0 60.0	165.0	18.1	–	–	11.0	–	0.0	0.0	–	0.0	3.4	–
70.0 65.0	63.2	34.2	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
70.0 70.0	6.6	36.7	–	–	6.8	–	0.0	3.0	–	0.0	3.4	–
70.0 75.0	–	26.3	–	–	0.0	–	–	0.0	–	–	0.0	–
70.0 80.0	20.8	55.4	–	–	0.0	–	11.3	0.0	–	0.0	0.0	–
70.0 90.0	2.4	8.3	–	–	8.7	–	6.2	0.0	–	0.0	0.0	–
70.0 100.0	–	1.7	–	–	3.4	–	–	0.0	–	–	12.2	–
73.0 50.0	0.0	4.0	–	–	14.8	–	0.0	0.0	–	0.0	0.0	–
73.0 53.0	83.7	11.9	–	–	3.9	–	0.0	0.0	–	0.0	0.0	–
73.0 60.0	75.4	9.7	–	–	10.6	–	0.0	0.0	–	0.0	0.0	–
73.0 65.0	0.0	19.4	–	–	13.5	–	7.0	0.0	–	0.0	0.0	–
73.0 70.0	42.3	1.8	–	–	4.8	–	4.0	3.7	–	0.0	0.0	–
73.0 80.0	18.1	13.2	–	–	3.7	–	0.0	0.0	–	0.0	3.0	–
73.0 90.0	55.5	12.1	–	–	7.0	–	0.0	0.0	–	0.0	0.0	–
73.0 120.0	–	6.6	–	–	–	–	–	–	–	–	–	–
77.0 48.0	1.1	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 51.0	6.8	7.1	–	–	0.0	–	0.0	0.0	–	0.0	3.5	–
77.0 55.0	10.1	6.0	–	–	3.5	–	0.0	0.0	–	0.0	2.7	–
77.0 60.0	0.0	5.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	65.0	15.3	36.9	-	-	14.2	-	0.0	0.0	-	0.0	0.0	-
77.0	70.0	21.7	9.2	-	-	3.4	-	0.0	0.0	-	0.0	8.7	-
77.0	80.0	10.2	6.9	-	0.0	3.7	-	0.0	0.0	-	0.0	3.0	-
77.0	90.0	113.2	14.8	-	13.5	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	100.0	-	28.5	-	-	-	-	-	-	-	-	-	-
80.0	51.0	6.0	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	9.5	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	10.3	15.3	-	10.1	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	9.9	4.4	-	2.6	10.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	6.6	0.0	-	5.9	8.8	-	6.5	3.3	-	0.0	0.0	-
80.0	68.0	-	5.9	-	-	-	-	-	-	-	-	-	-
80.0	70.0	0.0	-	-	3.2	3.7	-	0.0	0.0	-	-	0.0	-
80.0	80.0	0.0	0.0	-	0.0	3.4	-	6.2	0.0	-	0.0	0.0	-
80.0	90.0	6.5	9.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	6.3	-	-	3.3	3.5	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	6.4	3.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	32.5	11.9	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	58.7	0.0	-	13.9	0.0	-	3.2	0.0	-	0.0	0.0	-
83.0	60.0	37.3	24.5	-	6.8	0.0	-	7.3	0.0	-	0.0	0.0	-
83.0	70.0	16.0	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	3.1	0.0	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	90.0	6.4	6.3	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
85.0	60.0	-	-	-	7.0	-	-	-	-	-	-	-	-
87.0	35.0	51.6	3.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	45.5	3.4	-	0.0	3.2	-	3.5	-	0.0	0.0	-	0.0
87.0	45.0	24.2	3.3	-	6.3	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	3.0	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
87.0	55.0	9.9	34.1	-	0.0	7.1	-	0.0	-	0.0	0.0	-	0.0
87.0	70.0	0.0	15.8	-	3.0	0.0	-	10.7	-	0.0	0.0	0.0	-
87.0	80.0	0.0	9.3	-	14.0	0.0	-	3.2	-	0.0	0.0	0.0	-
87.0	90.0	17.3	6.6	-	0.0	6.5	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	32.0	6.6	12.7	-	3.4	3.5	-	0.0	-	0.0	0.0	-	0.0
90.0	37.0	30.3	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	7.0	-	-	0.0	-	-	-	0.0	-	-	3.2
90.0	45.0	40.2	9.7	19.9	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	3.3	6.4	-	0.0	0.0	-	6.6	-	0.0	3.5	-	0.0
90.0	60.0	3.1	0.0	0.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	65.0	-	-	7.2	-	-	-	-	-	-	-	-	-
90.0	70.0	0.0	3.3	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	6.5	15.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	9.5	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	0.0	-	-	16.7	-	-	0.0	-	-	0.0	-	-
93.0	27.0	2.9	5.4	-	0.0	2.7	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	3.3	3.0	-	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0
93.0	30.0	6.5	10.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	35.0	0.0	0.0	–	3.2	10.0	–	0.0	–	0.0	0.0	–	0.0
93.0	40.0	3.2	3.2	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	45.0	9.4	9.3	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	50.0	0.0	6.3	–	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	55.0	0.0	0.0	–	6.3	0.0	–	0.0	–	–	0.0	–	0.0
93.0	60.0	0.0	6.0	–	13.6	10.8	–	0.0	–	0.0	0.0	–	0.0
93.0	70.0	0.0	0.0	–	6.8	3.2	–	0.0	–	0.0	0.0	–	0.0
93.0	90.0	0.0	0.0	–	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	120.0	0.0	–	–	3.1	–	–	0.0	–	–	0.0	–	–
94.0	30.0	3.0	3.3	–	–	–	–	–	–	–	–	–	–
97.0	32.0	2.8	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	35.0	0.0	0.0	–	6.3	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	40.0	0.0	3.2	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	45.0	0.0	6.4	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
97.0	50.0	0.0	3.1	–	2.5	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	60.0	0.0	2.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	80.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	29.0	8.9	0.0	–	5.4	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	30.0	9.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	35.0	0.0	9.4	–	2.9	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	40.0	16.9	19.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	45.0	2.6	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	50.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	55.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
103.0	40.0	0.0	0.0	–	5.6	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	9.3	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	50.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	70.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	32.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	55.0	–	–	2.9	–	–	0.0	–	–	0.0	–	–	0.0

Bathylagus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	8.3	–	–	–	–	–	–	–	–	–	–	–
43.0	45.0	8.6	–	–	–	–	–	–	–	–	–	–	–
43.0	50.0	2.7	–	–	–	–	–	–	–	–	–	–	–
43.0	100.0	3.1	–	–	–	–	–	–	–	–	–	–	–
47.0	90.0	3.5	–	–	–	–	–	–	–	–	–	–	–
50.0	47.0	–	2.6	–	–	–	–	–	–	–	–	–	–
50.0	50.0	–	2.9	–	–	–	–	–	–	–	–	–	–
50.0	55.0	–	3.1	–	–	–	–	–	–	–	–	–	–
50.0	60.0	–	2.2	–	–	–	–	–	–	–	–	–	–
50.0	80.0	–	6.5	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Bathylagus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	-	5.9	-	-	-	-	-	-	-	-	-	-
53.0	70.0	-	3.0	-	-	-	-	-	-	-	-	-	-
53.0	80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
57.0	60.0	-	2.9	-	-	-	-	-	-	-	-	-	-
57.0	70.0	-	8.6	-	-	-	-	-	-	-	-	-	-
60.0	60.0	3.0	5.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	65.0	8.4	5.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	70.0	6.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	80.0	0.0	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	90.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	1.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	4.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	60.0	0.0	0.0	-	-	7.5	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	0.0	12.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	70.0	0.0	0.0	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
63.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0	55.0	0.0	6.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	60.0	0.0	4.8	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0	65.0	0.0	18.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	0.0	13.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	60.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	6.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	70.0	0.0	7.6	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
70.0	75.0	-	15.0	-	-	0.0	-	-	0.0	-	-	0.0	-
70.0	90.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	53.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	3.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	65.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	80.0	0.0	5.6	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
77.0	51.0	3.4	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	65.0	0.0	2.6	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0	70.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	0.0	1.7	-	9.8	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	6.6	0.0	-	7.7	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	3.2	0.0	-	0.0	0.0	-	-	0.0	-
83.0	55.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	6.2	7.0	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	70.0	3.2	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	45.0	0.0	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	45.0	0.0	3.2	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	3.5	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Bathylagus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	50.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	2.7	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	-	0.0	4.3	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0

Bathylagus wesethi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	0.0	-	-	0.0	-	0.0	3.4	-	0.0	0.0	-
63.0	60.0	0.0	0.0	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	0.0	0.0	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
70.0	90.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0	100.0	-	0.0	-	-	0.0	-	-	9.5	-	-	0.0	-
70.0	110.0	-	0.0	-	-	41.6	-	-	0.0	-	-	-	-
73.0	60.0	0.0	0.0	-	-	0.0	-	0.0	8.4	-	0.0	0.0	-
73.0	70.0	0.0	0.0	-	-	0.0	-	4.0	0.0	-	0.0	0.0	-
73.0	80.0	0.0	0.0	-	-	0.0	-	4.0	0.0	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	0.0	-	24.1	5.9	-	6.3	0.0	-
77.0	65.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	0.0	-	3.2	7.2	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	0.0	3.7	-	17.5	7.2	-	37.6	12.0	-
77.0	90.0	0.0	0.0	-	13.5	57.1	-	52.7	3.2	-	0.0	3.1	-
80.0	65.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	0.0	3.7	-	15.9	3.0	-	-	2.9	-
80.0	80.0	0.0	0.0	-	8.5	3.4	-	18.6	2.9	-	0.0	0.0	-
80.0	90.0	0.0	0.0	-	0.0	20.0	-	37.6	20.0	-	6.0	6.1	-
83.0	70.0	0.0	0.0	-	0.0	3.6	-	3.1	0.0	-	3.0	0.0	-
83.0	80.0	0.0	0.0	-	3.4	3.1	-	0.0	0.0	-	0.0	0.0	-
83.0	90.0	0.0	0.0	-	13.7	24.1	-	24.5	6.1	-	12.4	0.0	-
87.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	16.9	0.0	-	0.0
87.0	60.0	0.0	0.0	-	-	3.7	-	26.6	-	6.4	0.0	0.0	-
87.0	70.0	0.0	0.0	-	3.0	3.6	-	14.3	-	3.2	21.7	0.0	-
87.0	80.0	0.0	0.0	-	0.0	3.3	-	0.0	-	17.2	26.9	0.0	-
87.0	90.0	0.0	0.0	-	0.0	9.8	-	16.4	-	24.2	39.6	2.9	-
90.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0
90.0	53.0	0.0	0.0	-	0.0	0.0	-	6.6	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	0.0	0.0	0.0	-	55.5	-	0.0	0.0	-	0.0
90.0	70.0	0.0	0.0	-	28.7	0.0	-	28.3	-	0.0	3.4	-	0.0
90.0	80.0	0.0	0.0	-	0.0	0.0	-	57.0	-	3.1	13.4	-	0.0
90.0	90.0	0.0	0.0	-	18.8	0.0	-	148.5	-	20.4	35.0	-	28.7
90.0	100.0	0.0	-	-	40.1	-	-	58.0	-	-	13.3	-	-
90.0	120.0	0.0	-	-	-	-	-	96.0	-	-	0.0	-	-
90.0	140.0	0.0	-	-	3.2	-	-	3.0	-	-	9.8	-	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0
93.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	-	16.9	0.0	-	0.0
93.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	-	8.3	0.0	-	0.0
93.0	55.0	0.0	0.0	-	0.0	3.2	-	29.9	-	-	3.2	-	0.0
93.0	60.0	0.0	0.0	-	2.7	3.6	-	8.9	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	6.8	3.2	-	18.4	-	2.9	0.0	-	3.1
93.0	80.0	0.0	0.0	-	9.6	53.3	-	27.6	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	11.6	40.4	-	20.0	-	0.0	14.1	-	3.2
93.0	100.0	0.0	-	-	67.4	-	-	30.9	-	-	10.2	-	-
93.0	120.0	0.0	-	-	42.8	-	-	27.6	-	-	3.2	-	-
93.0	140.0	-	-	-	18.1	-	-	0.0	-	-	3.2	-	-
97.0	32.0	0.0	0.0	-	0.0	-	0.0	4.4	-	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	29.7	0.0	-	0.0
97.0	40.0	0.0	0.0	-	0.0	-	0.0	3.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	12.0	0.0	-	3.3	0.0	-	0.0
97.0	50.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
97.0	60.0	0.0	0.0	-	0.0	-	54.7	0.0	-	2.3	0.0	-	0.0
97.0	70.0	0.0	-	-	12.4	-	0.0	22.7	-	3.0	9.3	-	0.0
97.0	80.0	0.0	-	-	0.0	-	9.3	40.3	-	0.0	5.6	-	2.8
97.0	90.0	0.0	-	-	32.7	-	6.1	33.0	-	17.8	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	5.4	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	6.4	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	2.7	0.0	-	30.9	0.0	-	0.0
100.0	50.0	0.0	3.3	-	3.3	-	8.7	0.0	-	3.3	0.0	-	0.0
100.0	55.0	0.0	0.0	-	31.3	-	9.5	0.0	-	6.8	0.0	-	0.0
100.0	60.0	0.0	0.0	-	12.6	-	3.2	4.0	-	7.3	2.7	-	0.0
100.0	70.0	0.0	0.0	-	26.6	-	12.9	4.3	-	88.1	13.4	-	0.0
100.0	80.0	0.0	0.0	-	9.2	-	131.5	12.8	-	10.6	6.7	-	0.0
100.0	90.0	0.0	0.0	-	40.0	-	3.0	36.0	-	11.0	6.2	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.9	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	20.8	0.0	-	0.0
103.0	40.0	0.0	3.5	-	0.0	-	0.0	15.8	-	0.0	2.9	-	0.0
103.0	45.0	2.8	10.7	-	6.2	-	0.0	8.4	-	0.0	0.0	-	0.0
103.0	50.0	0.0	31.4	-	40.3	-	7.0	4.3	-	10.7	0.0	-	3.2
103.0	55.0	0.0	0.0	-	10.7	-	3.5	42.4	-	6.7	0.0	-	0.0
103.0	60.0	0.0	3.7	-	3.6	-	0.0	32.0	-	0.0	13.6	-	0.0
103.0	70.0	0.0	3.3	-	18.4	-	142.3	46.4	-	65.0	13.0	-	0.0
103.0	80.0	0.0	3.3	-	43.0	-	15.8	84.8	-	22.0	2.9	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	12.8	-	0.0	11.2	-	92.3	0.0	-	0.0
107.0	40.0	0.0	0.0	-	36.6	-	3.9	22.7	-	22.7	0.0	-	0.0
107.0	45.0	4.0	0.0	-	51.8	-	15.7	44.4	-	81.0	0.0	-	0.0
107.0	50.0	3.4	0.0	-	13.0	-	85.9	64.8	-	35.4	0.0	-	0.0
107.0	55.0	0.0	71.8	-	33.2	-	41.9	41.5	-	5.7	5.8	-	0.0
107.0	60.0	0.0	0.0	-	21.7	-	26.4	35.5	-	45.0	0.0	-	0.0

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	70.0	0.0	0.0	-	12.8	-	77.3	67.5	-	0.0	2.8	-	0.0
107.0	80.0	0.0	7.1	-	11.4	-	5.9	93.5	-	10.7	18.3	-	0.0
110.0	35.0	0.0	0.0	-	5.8	-	0.0	6.9	-	31.7	0.0	-	0.0
110.0	40.0	0.0	0.0	-	13.1	-	44.8	8.0	-	6.8	2.8	-	0.0
110.0	45.0	0.0	0.0	-	12.1	-	25.4	48.8	-	0.0	0.0	-	0.0
110.0	50.0	0.0	34.4	-	0.0	-	42.6	79.6	-	2.7	0.0	-	0.0
110.0	60.0	0.0	0.0	-	3.3	-	0.0	7.4	-	3.1	0.0	-	0.0
110.0	70.0	5.8	0.0	-	27.1	-	24.6	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	3.0	-	6.1	49.6	-	21.0	0.0	-	9.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	12.1	0.0	-	0.0
113.0	40.0	0.0	0.0	-	3.0	-	11.4	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	0.0	-	3.0	-	0.0	26.9	-	9.0	0.0	-	0.0
113.0	50.0	0.0	0.0	-	9.4	-	0.0	24.1	-	19.4	2.6	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
113.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	44.9	0.0	-	0.0
113.0	80.0	3.2	0.0	-	0.0	-	12.4	64.6	-	12.2	0.0	-	0.0
117.0	30.0	0.0	0.0	-	0.0	-	0.0	2.1	-	0.0	0.0	-	0.0
117.0	35.0	0.0	0.0	-	13.6	-	6.4	10.7	-	0.0	0.0	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	0.0	7.0	-	6.8	-	0.0	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	3.4	-	34.7	-	0.0	0.0
117.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	3.5	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	36.3	-	0.0	-	5.9	5.7
117.0	80.0	-	0.0	-	0.0	-	39.9	0.0	-	12.3	-	3.1	0.0
120.0	35.0	0.0	-	0.0	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	3.2	-	0.0	6.2	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	27.8	-	43.8	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	31.1	-	-	0.0
120.0	60.0	3.1	-	0.0	0.0	-	9.6	38.2	-	9.8	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	13.4	10.6	-	21.6	-	3.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	10.2	-	0.0	-	3.3	0.0
120.0	90.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	3.0
123.0	50.0	-	-	0.0	0.0	-	0.0	10.1	-	0.0	-	0.0	0.0
123.0	60.0	-	-	0.0	0.0	-	9.2	0.0	-	47.0	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	3.4	0.0	-	-	7.2	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	29.2	-	-	0.0	0.0	0.0
127.0	60.0	-	-	0.0	0.0	-	3.1	0.0	-	-	14.8	3.3	0.0
130.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	-	6.7	0.0	-
130.0	60.0	-	-	0.0	0.0	-	0.0	7.0	-	-	0.0	0.0	-

Leuroglossus stilbius

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	4.3	-	-	-	-	-	-	-	-	-	-	-
40.0	50.0	35.9	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	2.2	–	–	–	–	–	–	–	–	–	–	–
50.0	50.0	–	25.9	–	–	–	–	–	–	–	–	–	–
53.0	60.0	–	20.5	–	–	–	–	–	–	–	–	–	–
53.0	80.0	–	6.2	–	–	–	–	–	–	–	–	–	–
57.0	55.0	–	12.7	–	–	–	–	–	–	–	–	–	–
57.0	60.0	–	8.8	–	–	–	–	–	–	–	–	–	–
57.0	80.0	–	8.4	–	–	–	–	–	–	–	–	–	–
57.0	90.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0	55.0	5.7	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	60.0	36.0	20.5	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–
60.0	65.0	5.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	70.0	3.1	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	52.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	22.3	28.3	–	–	5.9	–	0.0	3.4	–	6.0	15.5	–
63.0	60.0	108.6	258.4	–	–	0.0	–	0.0	0.0	–	0.0	6.4	–
63.0	65.0	12.0	234.0	–	–	0.0	–	0.0	3.5	–	3.5	0.0	–
63.0	70.0	10.0	8.9	–	–	3.2	–	0.0	0.0	–	0.0	0.0	–
63.0	90.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	50.0	66.2	15.6	–	–	0.0	–	0.0	2.2	–	0.0	0.0	–
67.0	55.0	64.6	46.5	–	–	0.0	–	0.0	6.9	–	13.5	0.0	–
67.0	60.0	147.1	76.3	–	–	0.0	–	0.0	–	–	7.1	31.9	–
67.0	65.0	273.2	15.0	–	–	0.0	–	0.0	3.4	–	25.3	3.3	–
67.0	70.0	120.6	54.5	–	–	0.0	–	0.0	0.0	–	0.0	6.7	–
67.0	80.0	0.0	11.0	–	–	–	–	0.0	0.0	–	0.0	0.0	–
70.0	51.0	38.1	0.0	–	–	22.8	–	3.5	0.0	–	0.0	9.8	–
70.0	53.0	140.4	52.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	60.0	165.0	97.2	–	–	7.4	–	0.0	3.6	–	3.0	0.0	–
70.0	65.0	91.3	87.0	–	–	3.5	–	0.0	3.2	–	0.0	3.0	–
70.0	70.0	56.3	18.7	–	–	6.8	–	0.0	0.0	–	0.0	0.0	–
70.0	75.0	–	22.6	–	–	0.0	–	–	0.0	–	–	0.0	–
70.0	80.0	0.0	15.4	–	–	0.0	–	7.6	0.0	–	0.0	0.0	–
70.0	90.0	0.0	1.7	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
73.0	50.0	0.0	9.7	–	–	0.0	–	5.8	0.0	–	0.0	0.0	–
73.0	53.0	583.0	88.2	–	–	0.0	–	7.9	3.4	–	6.7	0.0	–
73.0	60.0	131.9	26.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	65.0	0.0	43.6	–	–	23.7	–	0.0	0.0	–	0.0	0.0	–
73.0	70.0	132.0	5.4	–	–	38.0	–	0.0	0.0	–	0.0	0.0	–
73.0	80.0	3.0	6.8	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
73.0	90.0	0.0	2.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	48.0	1.1	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	51.0	1264.1	57.8	–	–	3.6	–	0.0	0.0	–	0.0	3.5	–
77.0	55.0	824.7	95.0	–	–	0.0	–	0.0	0.0	–	0.0	2.7	–
77.0	60.0	87.4	175.0	–	–	20.1	–	4.1	0.0	–	3.5	2.8	–
77.0	65.0	42.8	17.2	–	–	10.6	–	0.0	13.9	–	0.0	0.0	–
77.0	70.0	10.8	14.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	80.0	3.4	1.5	–	0.0	3.7	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	90.0	65.6	1.7	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	107.6	126.2	-	0.0	0.0	-	0.0	0.0	-	0.0	2.8	-
80.0	52.0	500.9	525.5	-	35.0	24.5	-	0.0	0.0	-	6.0	3.0	-
80.0	55.0	1928.9	737.3	-	30.4	44.9	-	0.0	6.8	-	3.4	0.0	-
80.0	60.0	42.8	74.1	-	5.2	5.0	-	0.0	0.0	-	3.3	0.0	-
80.0	65.0	19.7	0.0	-	0.0	2.9	-	0.0	0.0	-	0.0	0.0	-
80.0	68.0	-	2.9	-	-	-	-	-	-	-	-	-	-
80.0	70.0	6.7	-	-	0.0	7.4	-	0.0	0.0	-	-	0.0	-
80.0	90.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	510.3	-	-	81.3	10.4	-	0.0	0.0	-	13.2	0.0	-
83.0	40.0	8.0	3.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	766.4	499.1	-	39.7	77.7	-	10.7	0.0	-	0.0	25.2	-
83.0	51.0	1398.3	182.6	-	3.3	87.4	-	0.0	2.5	-	0.0	0.0	-
83.0	55.0	2324.4	190.8	-	341.0	29.4	-	12.9	0.0	-	0.0	5.5	-
83.0	60.0	1915.8	416.5	-	166.6	23.0	-	3.6	8.2	-	0.0	0.0	-
83.0	70.0	0.0	40.4	-	27.4	0.0	-	3.1	0.0	-	0.0	0.0	-
83.0	80.0	12.5	0.0	-	0.0	0.0	-	6.8	0.0	-	0.0	0.0	-
83.0	90.0	3.2	12.6	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
85.0	60.0	-	-	-	94.8	-	-	-	-	-	-	-	-
87.0	35.0	409.4	1486.0	-	368.3	23.0	-	7.3	-	0.0	0.0	-	0.0
87.0	40.0	607.8	1420.7	-	227.8	42.1	-	7.0	-	0.0	0.0	-	0.0
87.0	45.0	869.8	634.6	-	363.1	27.2	-	0.0	-	3.2	0.0	-	6.3
87.0	50.0	132.8	44.0	-	6.4	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	980.4	1203.7	-	100.2	17.9	-	0.0	-	0.0	0.0	-	6.3
87.0	60.0	278.5	95.8	-	-	3.7	-	6.7	-	0.0	0.0	0.0	-
87.0	70.0	9.9	570.2	-	35.4	3.6	-	10.7	-	0.0	0.0	0.0	-
87.0	80.0	0.0	142.1	-	209.4	19.7	-	0.0	-	0.0	0.0	0.0	-
87.0	90.0	186.3	151.3	-	3.6	6.5	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	198.2	895.1	-	14.2	2.9	-	0.0	-	3.1	0.0	-	0.0
90.0	32.0	72.4	1401.1	-	61.0	3.5	-	0.0	-	0.0	0.0	-	0.0
90.0	37.0	104.5	962.3	-	142.0	20.2	-	7.3	-	7.5	0.0	-	10.0
90.0	39.0	-	984.8	-	-	46.0	-	-	-	0.0	-	-	0.0
90.0	45.0	881.0	439.3	718.3	0.0	14.0	-	3.4	-	0.0	0.0	-	0.0
90.0	53.0	145.2	128.0	-	220.2	61.3	-	3.3	-	0.0	0.0	-	0.0
90.0	60.0	40.2	103.2	165.6	200.3	3.3	-	3.5	-	0.0	3.3	-	0.0
90.0	65.0	-	-	7.2	-	-	-	-	-	-	-	-	-
90.0	70.0	6.5	10.0	-	3.2	9.5	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	6.5	6.0	-	6.4	6.5	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	19.1	0.0	-	6.3	15.5	-	0.0	-	0.0	0.0	-	0.0
90.0	120.0	0.0	-	-	-	-	-	3.0	-	-	0.0	-	-
93.0	27.0	2.9	29.9	-	0.0	24.6	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	10.0	158.6	-	81.4	44.0	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	29.3	1935.5	-	265.6	22.5	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	715.7	-	103.7	66.4	-	8.4	-	0.0	0.0	-	38.5
93.0	40.0	3.2	826.2	-	18.6	29.7	-	0.0	-	0.0	0.0	-	3.2
93.0	45.0	96.7	447.8	-	285.5	25.7	-	6.4	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	50.0	10.2	81.6	-	159.3	27.4	-	3.0	-	2.8	0.0	-	0.0
93.0	55.0	0.0	67.6	-	94.5	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	42.3	-	116.5	61.2	-	0.0	-	2.8	0.0	-	0.0
93.0	70.0	6.6	14.5	-	20.3	90.4	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	23.8	157.9	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.0	18.2	-	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	255.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	392.5	-	87.9	-	6.7	0.0	-	0.0	0.0	-	3.2
97.0	35.0	0.0	18.8	-	97.7	-	10.2	7.4	-	0.0	0.0	-	0.0
97.0	40.0	0.0	22.3	-	64.3	-	12.7	0.0	-	6.3	0.0	-	0.0
97.0	45.0	3.2	29.0	-	54.9	-	9.0	0.0	-	3.3	0.0	-	0.0
97.0	50.0	2.9	0.0	-	32.5	-	8.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	3.1	-	21.7	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	2.6	-	6.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	12.4	-	5.9	0.0	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	29.4	-	6.2	0.0	-	3.0	0.0	-	0.0
100.0	29.0	14.9	20.5	-	45.9	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	14.9	260.8	-	167.9	-	17.1	3.6	-	0.0	0.0	-	0.0
100.0	35.0	3.1	870.1	-	87.9	-	6.9	0.0	-	3.0	0.0	-	3.0
100.0	40.0	59.2	242.3	-	363.1	-	12.3	3.4	-	0.0	0.0	-	0.0
100.0	45.0	0.0	53.0	-	14.6	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	33.5	-	22.8	-	21.8	0.0	-	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	25.3	-	3.2	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	3.2	-	40.0	-	12.9	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	6.2	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	6.5	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	35.0	62.4	6.7	-	37.8	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0	40.0	0.0	3.5	-	76.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	183.5	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	50.0	0.0	0.0	-	16.8	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	70.0	0.0	6.6	-	30.7	-	3.3	0.0	-	0.0	0.0	-	0.0
107.0	31.0	2.5	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	67.0	613.2	-	22.6	-	24.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	33.8	-	3.2	-	10.4	3.7	-	0.0	0.0	-	0.0
107.0	40.0	0.0	55.2	-	3.0	-	3.9	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	6.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	50.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	3.0	-	0.0	3.5	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	6.2	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	0.0	17.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	35.0	37.6	886.6	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	18.5	103.8	-	101.7	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	151.0	-	6.4	0.0	-	0.0	0.0	-	0.0
110.0	50.0	0.0	0.0	-	0.0	-	6.1	4.4	-	0.0	0.0	-	0.0
110.0	60.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	29.0	0.0	2.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	0.0	13.7	-	145.3	-	3.3	7.0	-	0.0	0.0	-	0.0
113.0	40.0	3.1	1018.8	-	274.2	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	7.3	-	15.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	36.0	-	109.2	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	38.9	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	30.0	0.0	34.7	-	0.0	-	2.7	0.0	-	0.0	0.0	-	0.0
117.0	35.0	0.0	11.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	189.5	-	0.0	-	4.2	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	32.3	-	6.7	-	3.3	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	17.6	-	36.7	-	11.6	0.0	-	0.0	-	0.0	0.0
117.0	60.0	0.0	0.0	-	28.4	-	3.7	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	113.9	-	0.0	-	48.1	0.0	-	0.0	0.0	-	0.0
119.0	33.0	0.0	0.0	-	5.5	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	4.2	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	45.0	0.0	-	10.3	18.5	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	26.9	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	36.0	-	-	2.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	37.0	-	-	6.5	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	42.0	-	-	0.0	42.6	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	14.2	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	50.0	-	-	0.0	5.7	-	0.0	0.0	-	0.0	-	0.0	0.0
127.0	40.0	-	-	7.4	19.9	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	45.0	-	-	7.0	6.2	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	50.0	-	-	0.0	20.3	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	35.0	-	-	0.0	11.9	-	2.7	0.0	-	-	0.0	0.0	0.0
130.0	40.0	-	-	6.9	3.2	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	35.0	-	-	7.5	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	40.0	-	-	6.8	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	50.0	-	-	0.0	2.7	-	0.0	0.0	-	-	0.0	0.0	-
137.0	30.0	-	-	15.8	0.0	-	3.1	0.0	-	-	0.0	0.0	2.9
137.0	35.0	-	-	3.3	2.9	-	3.1	0.0	-	-	0.0	0.0	0.0

Dolichopteryx spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	60.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

Osmeridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	0.0	-	-	2.7	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Stomiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	90.0	0.0	0.0	–	0.0	0.0	–	5.9	0.0	–	0.0	0.0	–
87.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.3	0.0	–
93.0	70.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
133.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	3.4	–

Gonostomatidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	90.0	–	3.1	–	–	–	–	–	–	–	–	–	–
57.0	90.0	–	5.9	–	–	–	–	–	–	–	–	–	–
60.0	60.0	0.0	5.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	65.0	0.0	2.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	80.0	0.0	0.0	–	–	3.8	–	3.5	0.0	–	0.0	0.0	–
63.0	80.0	0.0	0.0	–	–	–	–	–	0.0	–	0.0	3.4	–
67.0	55.0	3.2	1.5	–	–	0.0	–	3.6	0.0	–	0.0	0.0	–
67.0	60.0	3.3	3.3	–	–	0.0	–	0.0	–	–	0.0	0.0	–
67.0	65.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	70.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	80.0	3.0	0.0	–	–	–	–	0.0	0.0	–	0.0	0.0	–
67.0	90.0	6.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	120.0	–	3.4	–	–	–	–	–	–	–	–	–	–
70.0	53.0	0.0	0.0	–	–	0.0	–	3.3	0.0	–	0.0	0.0	–
70.0	60.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.4	–
70.0	75.0	–	0.0	–	–	0.0	–	–	0.0	–	–	2.8	–
70.0	100.0	–	5.2	–	–	0.0	–	–	0.0	–	–	3.0	–
70.0	110.0	–	0.0	–	–	3.8	–	–	0.0	–	–	–	–
73.0	65.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	0.0	–	0.0	3.7	–	0.0	0.0	–
73.0	80.0	0.0	5.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	90.0	0.0	1.4	–	–	3.5	–	0.0	0.0	–	0.0	0.0	–
77.0	65.0	0.0	1.6	–	–	0.0	–	3.4	0.0	–	0.0	3.0	–
77.0	70.0	0.0	0.0	–	–	0.0	–	3.2	3.6	–	3.5	0.0	–
77.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	7.5	0.0	–
77.0	90.0	0.0	0.0	–	0.0	3.6	–	0.0	0.0	–	0.0	0.0	–
77.0	100.0	–	3.2	–	–	–	–	–	–	–	–	–	–
80.0	60.0	0.0	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0	0.0	–
80.0	65.0	0.0	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0	0.0	–
80.0	68.0	–	2.9	–	–	–	–	–	–	–	–	–	–
80.0	70.0	3.3	–	–	0.0	0.0	–	0.0	0.0	–	–	2.9	–
80.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.4	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
83.0	60.0	0.0	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	70.0	0.0	6.7	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	7.0	–	0.0
87.0	45.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0

TABLE 4. (cont.)

Gonostomatidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0 50.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.9	0.0	-	0.0
87.0 55.0	0.0	0.0	-	3.7	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 60.0	0.0	0.0	-	-	0.0	-	6.7	-	0.0	0.0	0.0	-
87.0 80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	0.0	-
90.0 28.0	0.0	0.0	-	0.0	0.0	-	3.3	-	3.1	0.0	-	0.0
90.0 32.0	0.0	0.0	-	0.0	3.5	-	3.6	-	0.0	0.0	-	0.0
90.0 37.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 60.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
90.0 70.0	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 90.0	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	15.9	-	14.3
90.0 120.0	0.0	-	-	-	-	-	0.0	-	-	3.1	-	-
93.0 28.0	0.0	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 30.0	0.0	3.5	-	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0
93.0 40.0	3.2	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 45.0	0.0	0.0	-	0.0	0.0	-	6.4	-	0.0	0.0	-	0.0
93.0 50.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 55.0	0.0	3.2	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0
93.0 60.0	0.0	0.0	-	2.7	3.6	-	0.0	-	0.0	0.0	-	0.0
93.0 70.0	0.0	0.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8	-	12.6
93.0 100.0	6.7	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 120.0	3.2	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0 140.0	-	-	-	0.0	-	-	0.0	-	-	3.2	-	-
97.0 35.0	2.6	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 45.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 50.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 70.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
100.0 30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0 35.0	0.0	0.0	-	0.0	-	3.4	0.0	-	3.0	0.0	-	0.0
100.0 50.0	0.0	0.0	-	0.0	-	0.7	0.0	-	0.0	0.0	-	0.0
100.0 70.0	0.0	0.0	-	0.0	-	0.5	0.0	-	0.0	0.0	-	3.0
100.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0 30.0	0.0	0.0	-	0.0	-	2.3	0.0	-	0.0	0.0	-	0.0
103.0 35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0 50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.6	0.0	-	0.0
103.0 55.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	0.0
103.0 65.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
103.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
107.0 45.0	0.0	3.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 50.0	0.0	0.0	-	3.6	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 55.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 65.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 70.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0 40.0	0.0	0.0	-	0.0	-	6.4	1.9	-	0.0	5.1	-	0.0

TABLE 4. (cont.)

Gonostomatidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	80.0	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
113.0	70.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
117.0	50.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	60.0	0.0	0.0	-	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8
120.0	45.0	0.0	-	3.6	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	80.0	-	-	2.8	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	90.0	-	-	2.6	-	-	0.0	-	-	0.0	-	-	0.0
127.0	50.0	-	-	3.5	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	60.0	-	-	0.0	0.0	-	0.0	6.4	-	-	0.0	0.0	-
137.0	60.0	-	-	0.0	2.9	-	0.0	0.0	-	-	0.0	0.0	-

Cyclothone spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
60.0	90.0	3.3	0.0	-	-	0.0	-	16.9	0.0	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	0.0	-	6.9	0.0	-	3.3	0.0	-
67.0	65.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.2	0.0	-
67.0	80.0	0.0	0.0	-	-	-	-	0.0	0.0	-	3.5	0.0	-
67.0	90.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	0.0	1.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	90.0	16.7	1.6	-	-	0.0	-	6.2	0.0	-	0.0	0.0	-
70.0	100.0	-	3.5	-	-	0.0	-	-	3.2	-	-	0.0	-
70.0	110.0	-	0.0	-	-	3.8	-	-	0.0	-	-	-	-
73.0	60.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	65.0	0.0	0.0	-	-	0.0	-	0.0	2.6	-	0.0	0.0	-
73.0	70.0	0.0	0.0	-	-	0.0	-	4.0	0.0	-	0.0	0.0	-
73.0	80.0	0.0	0.0	-	-	0.0	-	0.0	3.3	-	0.0	0.0	-
73.0	90.0	6.9	0.0	-	-	3.5	-	0.0	3.0	-	3.2	0.0	-
73.0	100.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0	70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.9	-
77.0	80.0	0.0	0.0	-	0.0	0.0	-	7.0	0.0	-	11.3	12.0	-
77.0	90.0	0.0	0.0	-	10.1	14.3	-	2.9	3.2	-	12.2	0.0	-
80.0	65.0	3.3	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	70.0	3.3	-	-	0.0	0.0	-	0.0	0.0	-	-	8.8	-
80.0	80.0	3.0	3.9	-	2.8	0.0	-	0.0	2.9	-	0.0	0.0	-
80.0	90.0	0.0	14.9	-	0.0	3.3	-	0.0	0.0	-	12.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	15.5	-	0.0	0.0	-	0.0	6.4	-
83.0	90.0	0.0	0.0	-	3.4	3.4	-	9.2	0.0	-	3.1	0.0	-
87.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	8.4	0.0	-	0.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	0.0	-	3.0	0.0	-	3.6	-	0.0	0.0	0.0	-
87.0	80.0	0.0	0.0	-	0.0	6.6	-	0.0	-	2.9	23.5	0.0	-
87.0	90.0	3.5	0.0	-	0.0	6.5	-	9.8	-	48.4	75.9	5.9	-
90.0	28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	6.7	-	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0
90.0	37.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	0.0	0.0	0.0	-	6.9	-	2.9	3.3	-	0.0
90.0	70.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	13.5
90.0	80.0	0.0	0.0	-	0.0	0.0	-	12.0	-	6.1	3.3	-	0.0
90.0	90.0	3.2	0.0	-	3.1	0.0	-	5.9	-	5.8	31.8	-	28.7
90.0	100.0	6.3	-	-	13.4	-	-	15.3	-	-	50.0	-	-
90.0	120.0	6.5	-	-	-	-	-	72.0	-	-	12.4	-	-
90.0	140.0	16.4	-	-	0.0	-	-	0.0	-	-	91.0	-	-
93.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	50.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	60.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	3.2	5.9	-	3.1	-	0.0	0.0	-	0.0
93.0	90.0	3.2	0.0	-	2.9	3.1	-	11.4	-	0.0	16.9	-	18.9
93.0	100.0	0.0	-	-	0.0	-	-	18.5	-	-	0.0	-	-
93.0	120.0	6.4	-	-	18.4	-	-	15.3	-	-	22.2	-	-
93.0	140.0	-	-	-	36.1	-	-	25.2	-	-	47.6	-	-
97.0	40.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	18.7	-	0.0
97.0	80.0	0.0	-	-	3.3	-	12.4	3.4	-	0.0	0.0	-	0.0
97.0	90.0	5.8	-	-	26.7	-	6.1	18.0	-	0.0	0.0	-	18.4
100.0	29.0	0.0	0.0	-	5.4	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
100.0	40.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
100.0	50.0	0.0	10.1	-	0.0	-	0.0	0.0	-	19.7	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	30.4	0.0	-	2.9
100.0	60.0	0.0	0.0	-	3.2	-	3.2	0.0	-	11.0	0.0	-	0.0
100.0	70.0	2.7	0.0	-	0.0	-	0.0	0.0	-	58.7	76.8	-	0.0
100.0	80.0	5.9	10.5	-	0.0	-	15.7	0.0	-	7.1	60.1	-	6.0
100.0	90.0	0.0	3.6	-	0.0	-	27.0	13.5	-	3.7	6.2	-	11.3
103.0	35.0	0.0	3.3	-	0.0	-	0.0	0.0	-	10.4	0.0	-	0.0
103.0	40.0	6.7	3.5	-	0.0	-	0.0	0.0	-	0.0	25.7	-	0.0
103.0	45.0	8.4	17.9	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	50.0	0.0	14.0	-	0.0	-	0.0	0.0	-	68.0	0.0	-	6.4
103.0	55.0	0.0	0.0	-	2.7	-	0.0	3.5	-	43.4	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	7.1	-	6.5	3.4	-	23.3
103.0	70.0	0.0	0.0	-	6.1	-	9.9	3.6	-	55.3	5.2	-	0.0
103.0	80.0	3.3	9.9	-	6.1	-	22.1	3.3	-	16.5	2.9	-	0.0
107.0	32.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	6.8	-	3.2	-	0.0	3.7	-	7.1	9.5	-	0.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	40.0	16.5	14.7	-	12.2	-	0.0	4.5	-	3.8	6.6	-	0.0
107.0	45.0	19.8	10.9	-	21.4	-	3.1	0.0	-	9.7	0.0	-	0.0
107.0	50.0	17.2	12.6	-	13.0	-	19.4	0.0	-	22.5	0.0	-	0.0
107.0	55.0	9.6	25.1	-	0.0	-	16.1	0.0	-	45.8	0.0	-	0.0
107.0	60.0	0.0	0.0	-	12.4	-	0.0	3.0	-	8.4	0.0	-	0.0
107.0	70.0	0.0	3.7	-	22.4	-	3.1	0.0	-	54.4	0.0	-	0.0
107.0	80.0	0.0	35.6	-	0.0	-	11.8	46.8	-	37.5	50.3	-	0.0
110.0	35.0	3.4	3.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	0.0	-	15.9	4.1	-	0.0	0.0	-	0.0
110.0	50.0	0.0	3.4	-	0.0	-	3.0	8.8	-	0.0	3.2	-	0.0
110.0	60.0	3.0	10.1	-	9.8	-	0.0	0.0	-	6.1	0.0	-	0.0
110.0	70.0	23.1	0.0	-	5.4	-	0.0	0.0	-	9.7	4.8	-	3.1
110.0	80.0	0.0	0.0	-	12.0	-	24.3	16.5	-	57.0	25.8	-	0.0
113.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	5.6	0.0	-	9.0	-	0.0	0.0	-	3.0	0.0	-	0.0
113.0	50.0	6.3	3.6	-	0.0	-	0.0	0.0	-	6.5	0.0	-	0.0
113.0	60.0	5.3	3.8	-	0.0	-	8.6	0.0	-	0.0	2.9	-	0.0
113.0	70.0	3.1	17.6	-	0.0	-	0.0	0.0	-	93.1	6.3	-	6.1
113.0	80.0	3.2	3.3	-	5.6	-	37.2	37.4	-	137.7	12.6	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0
117.0	35.0	0.0	0.0	-	5.4	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	3.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	0.0	-	16.6	-	0.0	0.0	-	3.4	-	0.0	0.0
117.0	50.0	9.4	0.0	-	2.8	-	0.0	0.0	-	9.5	-	11.4	0.0
117.0	60.0	0.0	0.0	-	0.0	-	0.0	3.2	-	0.0	-	0.0	5.9
117.0	70.0	3.1	7.0	-	0.0	-	0.0	3.3	-	6.3	-	32.6	8.6
117.0	80.0	-	0.0	-	3.0	-	16.0	0.0	-	6.2	-	9.2	0.0
120.0	35.0	0.0	-	0.0	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	-	0.0	3.7	-	0.0	-	0.0	0.0
120.0	50.0	3.3	-	0.0	0.0	-	0.0	7.0	-	20.4	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	6.9	-	-	0.0
120.0	60.0	9.2	-	0.0	0.0	-	0.0	25.4	-	16.3	-	0.0	0.0
120.0	70.0	18.4	-	0.0	0.0	-	0.0	10.6	-	15.4	-	114.3	0.0
120.0	80.0	-	-	2.8	0.0	-	17.9	0.0	-	13.0	-	39.7	0.0
120.0	90.0	-	-	0.0	-	-	0.0	-	-	12.4	-	-	3.0
123.0	42.0	-	-	0.0	0.0	-	8.6	6.5	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	3.2	13.4	-	3.4	-	3.0	0.0
123.0	50.0	-	-	0.0	2.8	-	6.1	10.1	-	0.0	-	3.1	0.0
123.0	60.0	-	-	0.0	5.6	-	0.0	3.3	-	190.9	-	0.0	0.0
127.0	40.0	-	-	3.7	0.0	-	6.7	0.0	-	-	18.1	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	13.0	-	-	3.6	0.0	0.0
127.0	50.0	-	-	7.1	0.0	-	5.9	6.6	-	-	3.0	0.0	0.0
127.0	60.0	-	-	0.0	3.2	-	15.7	6.3	-	-	7.4	9.9	3.0
130.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.4	0.0	0.0
130.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	-	63.3	0.0	-
130.0	50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	26.6	17.0	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	60.0	–	–	3.5	0.0	–	6.4	3.5	–	–	0.0	3.0	–
133.0	35.0	–	–	3.8	0.0	–	5.8	0.0	–	–	0.0	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	7.2	–	–	0.0	0.0	0.0
133.0	60.0	–	–	0.0	0.0	–	0.0	3.2	–	–	9.9	3.4	–
137.0	60.0	–	–	3.3	0.0	–	0.0	16.0	–	–	9.7	8.9	–

Diplophos taenia

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	90.0	–	–	0.0	–	–	0.0	–	–	6.2	–	–	0.0
123.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0
127.0	60.0	–	–	0.0	0.0	–	0.0	6.3	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	–
133.0	50.0	–	–	0.0	0.0	–	0.0	3.3	–	–	0.0	0.0	–
137.0	35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.9	0.0
137.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	3.1	–

Ichthyococcus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	3.5	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.2
100.0	55.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
103.0	35.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0
103.0	60.0	0.0	0.0	–	3.6	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	70.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	35.0	0.0	0.0	–	3.2	–	0.0	0.0	–	3.5	0.0	–	0.0
107.0	40.0	0.0	0.0	–	6.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	4.2	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	70.0	0.0	0.0	–	0.0	–	0.0	6.1	–	3.4	0.0	–	0.0
107.0	80.0	0.0	3.6	–	0.0	–	0.0	0.0	–	2.7	0.0	–	0.0
110.0	45.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
113.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0
113.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0
117.0	45.0	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0	–	0.0	0.0
117.0	70.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	–	0.0	2.8
117.0	80.0	–	0.0	–	0.0	–	8.0	0.0	–	0.0	–	0.0	0.0
120.0	45.0	0.0	–	3.6	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	2.9	–	0.0	0.0
120.0	60.0	0.0	–	0.0	3.2	–	0.0	0.0	–	0.0	–	0.0	0.0

TABLE 4. (cont.)

Ichthyococcus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.3	0.0
123.0	45.0	–	–	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0
123.0	60.0	–	–	0.0	2.8	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0	60.0	–	–	0.0	0.0	–	0.0	3.1	–	–	0.0	0.0	0.0
130.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	–
133.0	60.0	–	–	0.0	0.0	–	3.0	0.0	–	–	0.0	0.0	–

Vinciguerria lucetia

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	90.0	0.0	0.0	–	–	0.0	–	0.0	5.9	–	0.0	0.0	–
77.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.8	0.0	–
83.0	60.0	3.1	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	–	5.6	0.0	–	0.0
87.0	60.0	3.6	0.0	–	–	0.0	–	0.0	–	0.0	0.0	0.0	–
87.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.2	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	11.4	0.0	0.0	–
87.0	90.0	3.5	0.0	–	0.0	0.0	–	3.3	–	114.2	0.0	0.0	–
90.0	53.0	0.0	0.0	–	0.0	0.0	–	0.0	–	11.4	0.0	–	0.0
90.0	60.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	5.8	0.0	–	0.0
90.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.6	0.0	–	0.0
90.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	36.7	6.7	–	0.0
90.0	90.0	0.0	0.0	–	0.0	0.0	–	17.8	–	72.8	41.3	–	37.3
90.0	100.0	0.0	–	–	0.0	–	–	3.0	–	–	46.6	–	–
90.0	120.0	3.2	–	–	–	–	–	177.0	–	–	34.0	–	–
90.0	140.0	22.9	–	–	28.9	–	–	298.0	–	–	136.5	–	–
93.0	45.0	25.0	0.0	–	0.0	0.0	–	0.0	–	0.0	6.3	–	0.0
93.0	50.0	27.1	0.0	–	0.0	0.0	–	0.0	–	27.5	0.0	–	0.0
93.0	55.0	10.0	0.0	–	0.0	0.0	–	0.0	–	–	0.0	–	0.0
93.0	60.0	0.0	0.0	–	2.7	3.6	–	0.0	–	0.0	0.0	–	0.0
93.0	70.0	0.0	0.0	–	6.8	0.0	–	0.0	–	8.7	3.6	–	0.0
93.0	80.0	0.0	0.0	–	12.8	14.8	–	3.1	–	0.0	0.0	–	2.9
93.0	90.0	34.9	3.3	–	0.0	3.1	–	57.2	–	0.0	5.6	–	0.0
93.0	100.0	3.4	–	–	0.0	–	–	222.5	–	–	0.0	–	–
93.0	120.0	3.2	–	–	9.2	–	–	405.2	–	–	72.9	–	–
93.0	140.0	–	–	–	108.4	–	–	630.0	–	–	266.3	–	–
97.0	32.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	6.0	–	0.0
97.0	35.0	10.4	0.0	–	0.0	–	0.0	0.0	–	5.9	0.0	–	0.0
97.0	40.0	42.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	45.0	34.8	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	50.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	3.6	–	0.0
97.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	8.5	3.4	–	0.0
97.0	60.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	3.1	–	0.0
97.0	70.0	6.2	–	–	0.0	–	0.0	0.0	–	9.0	180.4	–	0.0

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	14.6	-	-	3.3	-	0.0	0.0	-	0.0	8.4	-	0.0
97.0	90.0	26.2	-	-	59.4	-	24.3	282.0	-	3.0	0.0	-	3.1
100.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	6.1	-	3.1
100.0	35.0	6.2	0.0	-	0.0	-	0.0	0.0	-	0.0	12.8	-	0.0
100.0	40.0	2.8	42.0	-	0.0	-	0.0	0.0	-	0.0	16.1	-	3.1
100.0	45.0	10.5	0.0	-	0.0	-	0.0	4.6	-	3.4	0.0	-	0.0
100.0	50.0	0.0	100.5	-	0.0	-	0.0	0.0	-	492.0	0.0	-	0.0
100.0	55.0	0.0	69.9	-	5.7	-	0.0	0.0	-	385.3	0.0	-	0.0
100.0	60.0	0.0	6.4	-	3.2	-	0.0	0.0	-	259.1	5.4	-	0.0
100.0	70.0	13.7	13.0	-	26.6	-	0.0	0.0	-	1115.7	494.3	-	15.2
100.0	80.0	17.8	0.0	-	0.0	-	9.4	0.0	-	215.3	253.8	-	68.5
100.0	90.0	11.9	10.9	-	49.3	-	447.0	58.5	-	65.7	37.4	-	50.8
103.0	35.0	0.0	6.7	-	0.0	-	0.0	0.0	-	90.2	9.6	-	0.0
103.0	40.0	3.3	17.3	-	2.8	-	0.0	0.0	-	3.6	62.9	-	0.0
103.0	45.0	13.9	67.8	-	15.5	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	50.0	23.7	87.3	-	23.5	-	0.0	0.0	-	669.5	2.9	-	0.0
103.0	55.0	18.6	0.0	-	13.4	-	3.5	21.2	-	1002.0	0.0	-	0.0
103.0	60.0	0.0	18.6	-	0.0	-	0.0	24.9	-	281.2	71.6	-	13.3
103.0	70.0	0.0	0.0	-	6.1	-	13.2	14.3	-	744.3	10.4	-	0.0
103.0	80.0	20.0	280.5	-	67.5	-	53.7	45.6	-	1116.5	141.1	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0
107.0	35.0	12.6	158.9	-	0.0	-	0.0	0.0	-	230.8	15.9	-	0.0
107.0	40.0	112.2	187.7	-	61.0	-	0.0	0.0	-	30.3	3.3	-	3.1
107.0	45.0	265.3	203.8	-	100.7	-	0.0	0.0	-	106.9	3.1	-	0.0
107.0	50.0	192.6	340.2	-	16.3	-	33.2	16.2	-	1378.2	2.9	-	3.1
107.0	55.0	16.0	50.3	-	27.2	-	38.6	27.7	-	185.9	5.8	-	0.0
107.0	60.0	6.6	3.6	-	65.1	-	3.3	59.2	-	210.8	15.5	-	0.0
107.0	70.0	127.7	120.5	-	150.4	-	18.5	245.6	-	299.2	33.8	-	3.0
107.0	80.0	27.0	704.9	-	71.3	-	301.9	627.9	-	166.2	260.5	-	18.2
110.0	35.0	34.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	12.3	0.0	-	9.8	-	0.0	0.0	-	37.5	0.0	-	0.0
110.0	45.0	45.0	3.2	-	3.0	-	9.5	0.0	-	22.7	0.0	-	2.8
110.0	50.0	18.2	110.1	-	0.0	-	0.0	39.8	-	5.4	0.0	-	0.0
110.0	60.0	11.8	77.0	-	9.8	-	0.0	0.0	-	36.7	11.7	-	2.9
110.0	70.0	393.0	0.0	-	21.7	-	12.3	0.0	-	71.3	12.1	-	0.0
110.0	80.0	69.3	17.9	-	51.2	-	142.9	168.8	-	768.0	132.4	-	6.0
113.0	29.0	0.0	0.0	-	0.0	-	1.8	0.0	-	0.0	0.0	-	0.0
113.0	40.0	15.5	3.8	-	6.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	13.9	3.6	-	141.5	-	0.0	0.0	-	9.0	0.0	-	0.0
113.0	50.0	41.2	0.0	-	12.5	-	0.0	0.0	-	12.9	2.6	-	3.0
113.0	60.0	100.7	97.8	-	3.0	-	2.9	0.0	-	0.0	29.3	-	18.4
113.0	70.0	31.4	105.6	-	40.7	-	0.0	0.0	-	1778.3	50.4	-	18.4
113.0	80.0	0.0	23.2	-	19.5	-	223.2	200.6	-	1634.0	257.5	-	26.7
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	4.7	0.0	-	0.0
117.0	35.0	0.0	0.0	-	16.3	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	10.9	0.0	-	0.0
117.0	45.0	0.0	0.0	-	163.2	-	0.0	59.5	-	30.4	-	0.0	5.8
117.0	50.0	62.4	0.0	-	22.6	-	0.0	84.8	-	170.1	-	19.9	0.0
117.0	60.0	41.0	3.5	-	0.0	-	0.0	73.6	-	16.0	-	3.5	14.8
117.0	70.0	0.0	52.3	-	6.2	-	0.0	92.4	-	139.0	-	183.5	182.4
117.0	80.0	-	14.6	-	121.6	-	442.9	315.0	-	754.6	-	95.5	71.3
118.0	39.0	0.0	0.0	-	8.6	-	0.0	0.0	-	22.8	0.0	-	3.0
119.0	33.0	0.0	0.0	-	8.2	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	0.0	13.2	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	0.0	-	0.0	0.0	-	6.6	104.7	-	34.9	-	0.0	0.0
120.0	50.0	39.4	-	21.4	6.0	-	0.0	240.1	-	248.2	-	0.0	0.0
120.0	55.0	-	-	2.9	-	-	0.0	-	-	166.1	-	-	0.0
120.0	60.0	119.3	-	3.6	31.8	-	3.2	725.0	-	188.5	-	9.2	0.0
120.0	70.0	159.1	-	7.8	21.2	-	30.2	398.9	-	543.8	-	1158.4	5.9
120.0	80.0	-	-	8.5	74.0	-	329.4	708.5	-	156.0	-	311.1	108.1
120.0	90.0	-	-	192.0	-	-	183.3	-	-	92.7	-	-	186.5
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	2.8	-	0.0	0.0
123.0	37.0	-	-	0.0	0.0	-	0.0	0.0	-	8.9	-	0.0	0.0
123.0	42.0	-	-	0.0	11.4	-	23.0	71.9	-	16.4	-	20.1	2.8
123.0	45.0	-	-	10.3	0.0	-	116.9	891.1	-	34.1	-	72.2	0.0
123.0	50.0	-	-	7.0	2.8	-	6.1	682.8	-	55.3	-	52.7	3.0
123.0	60.0	-	-	3.5	158.5	-	3.1	234.5	-	1061.1	-	0.0	0.0
127.0	34.0	-	-	3.4	0.0	-	0.0	0.0	-	3.2	2.6	-	0.0
127.0	40.0	-	-	0.0	0.0	-	33.6	3.4	-	-	130.3	54.9	8.5
127.0	45.0	-	-	3.5	6.2	-	12.4	926.6	-	-	90.0	46.7	6.1
127.0	50.0	-	-	0.0	13.6	-	191.1	334.3	-	-	0.0	2.8	0.0
127.0	60.0	-	-	3.5	25.4	-	478.9	760.6	-	-	11.1	72.6	8.9
130.0	28.0	-	-	0.0	0.0	-	2.5	0.0	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.9	7.7	0.0
130.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	47.7	42.0	0.0
130.0	40.0	-	-	0.0	0.0	-	3.3	3.4	-	-	41.0	41.9	6.1
130.0	45.0	-	-	10.1	3.3	-	30.4	6.3	-	-	509.5	9.0	-
130.0	50.0	-	-	61.4	15.1	-	782.3	3.7	-	-	209.8	181.1	-
130.0	60.0	-	-	7.0	16.4	-	89.9	126.7	-	-	30.9	98.7	-
133.0	23.0	-	-	0.0	0.0	-	1.7	0.0	-	-	0.0	0.0	0.0
133.0	30.0	-	-	0.0	0.0	-	0.0	3.5	-	-	0.0	0.0	0.0
133.0	35.0	-	-	49.0	0.0	-	66.2	16.0	-	-	6.6	13.3	17.5
133.0	40.0	-	-	40.8	0.0	-	0.0	79.4	-	-	7.0	0.0	8.9
133.0	50.0	-	-	37.3	5.4	-	0.0	179.3	-	-	35.5	63.6	-
133.0	60.0	-	-	17.9	13.0	-	24.3	139.9	-	-	248.3	13.6	-
137.0	22.0	-	-	0.0	0.0	-	0.0	0.0	-	-	16.7	0.0	0.0
137.0	23.0	-	-	0.0	0.0	-	2.7	0.0	-	-	9.5	0.0	0.0
137.0	30.0	-	-	0.0	0.0	-	0.0	35.8	-	-	0.0	0.0	5.8
137.0	35.0	-	-	10.0	0.0	-	0.0	126.5	-	-	7.0	0.0	6.0
137.0	40.0	-	-	37.4	0.0	-	3.2	67.4	-	-	24.2	53.2	-
137.0	50.0	-	-	30.3	12.7	-	5.7	3.1	-	-	9.6	123.8	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 60.0	-	-	72.4	2.9	-	6.0	275.2	-	-	135.7	109.2	-

Vinciguerria poweriae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 140.0	0.0	-	-	0.0	-	-	0.0	-	-	3.3	-	-

Sternoptychidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 50.0	5.5	-	-	-	-	-	-	-	-	-	-	-
40.0 55.0	2.2	-	-	-	-	-	-	-	-	-	-	-
50.0 80.0	-	6.5	-	-	-	-	-	-	-	-	-	-
53.0 55.0	-	3.0	-	-	-	-	-	-	-	-	-	-
53.0 60.0	-	2.9	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0 90.0	-	3.1	-	-	-	-	-	-	-	-	-	-
57.0 55.0	-	3.2	-	-	-	-	-	-	-	-	-	-
57.0 60.0	-	5.8	-	-	-	-	-	-	-	-	-	-
57.0 90.0	-	2.9	-	-	-	-	-	-	-	-	-	-
60.0 60.0	3.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 65.0	2.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 80.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
60.0 90.0	3.3	0.0	-	-	0.0	-	11.2	3.2	-	0.0	6.3	-
63.0 55.0	0.0	0.0	-	-	0.0	-	3.6	0.0	-	0.0	0.0	-
63.0 60.0	0.0	0.0	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
63.0 65.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 70.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.2	-
63.0 90.0	3.2	6.1	-	-	3.3	-	0.0	3.3	-	13.3	9.7	-
63.0 100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0 50.0	6.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 55.0	0.0	0.0	-	-	0.0	-	3.6	0.0	-	0.0	0.0	-
67.0 60.0	6.5	0.0	-	-	0.0	-	0.0	-	-	3.6	0.0	-
67.0 65.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	6.3	0.0	-
67.0 70.0	9.8	2.0	-	-	3.4	-	0.0	0.0	-	3.1	0.0	-
67.0 80.0	0.0	3.1	-	-	-	-	0.0	0.0	-	3.5	0.0	-
67.0 90.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0 53.0	6.4	0.0	-	-	2.9	-	3.3	0.0	-	0.0	0.0	-
70.0 60.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	3.0	0.0	-
70.0 65.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	3.3	0.0	-
70.0 70.0	0.0	3.1	-	-	0.0	-	0.0	3.0	-	0.0	0.0	-
70.0 75.0	-	0.0	-	-	0.0	-	-	3.1	-	-	5.7	-
70.0 80.0	2.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 90.0	4.8	0.0	-	-	2.9	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 100.0	-	6.9	-	-	0.0	-	-	3.2	-	-	15.3	-
70.0 110.0	-	0.0	-	-	0.0	-	-	3.7	-	-	-	-
70.0 120.0	-	6.4	-	-	-	-	-	-	-	-	-	-
73.0 50.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 53.0	6.0	2.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 60.0	6.3	2.7	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0 65.0	3.0	6.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 70.0	0.0	0.0	-	-	0.0	-	8.0	0.0	-	0.0	5.6	-
73.0 80.0	0.0	2.3	-	-	0.0	-	4.0	0.0	-	3.2	9.1	-
73.0 90.0	0.0	0.0	-	-	13.9	-	0.0	0.0	-	3.2	3.0	-
73.0 100.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0 55.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 60.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 65.0	0.0	5.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 70.0	0.0	0.0	-	-	3.4	-	0.0	0.0	-	7.1	0.0	-
77.0 80.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	30.0	-
77.0 90.0	8.9	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	6.1	-
77.0 120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
80.0 52.0	0.0	0.0	-	0.0	4.1	-	0.0	0.0	-	0.0	0.0	-
80.0 60.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 70.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.9	-
80.0 80.0	0.0	3.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 90.0	16.3	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0	6.1	-
82.0 47.0	0.0	-	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 43.0	0.0	0.0	-	0.0	0.0	-	3.6	0.0	-	0.0	0.0	-
83.0 51.0	0.0	0.0	-	0.0	8.5	-	0.0	0.0	-	0.0	0.0	-
83.0 55.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 60.0	0.0	0.0	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 80.0	0.0	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0	0.0	-
83.0 90.0	0.0	0.0	-	0.0	3.4	-	3.1	0.0	-	0.0	9.0	-
85.0 60.0	-	-	-	3.5	-	-	-	-	-	-	-	-
87.0 35.0	0.0	9.0	-	3.4	0.0	-	3.7	-	0.0	0.0	-	3.1
87.0 40.0	3.3	10.3	-	7.1	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 45.0	0.0	0.0	-	3.1	3.0	-	0.0	-	0.0	0.0	-	0.0
87.0 55.0	3.3	3.4	-	0.0	0.0	-	0.0	-	8.4	0.0	-	0.0
87.0 60.0	0.0	0.0	-	-	0.0	-	3.3	-	3.2	0.0	0.0	-
87.0 70.0	0.0	0.0	-	0.0	7.2	-	0.0	-	6.4	0.0	3.1	-
87.0 80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	6.3	-
87.0 90.0	0.0	0.0	-	0.0	0.0	-	3.3	-	13.8	6.6	2.9	-
90.0 28.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 32.0	3.3	9.5	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3
90.0 37.0	6.7	3.2	-	10.1	0.0	-	3.7	-	0.0	3.4	-	3.3
90.0 39.0	-	3.5	-	-	3.5	-	-	-	0.0	-	-	0.0
90.0 45.0	0.0	3.2	0.0	0.0	2.8	-	0.0	-	0.0	0.0	-	0.0
90.0 53.0	6.6	3.2	-	3.4	0.0	-	3.3	-	0.0	0.0	-	2.7
90.0 60.0	6.2	0.0	6.9	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	70.0	6.5	0.0	-	0.0	6.4	-	3.1	-	0.0	0.0	-	2.7
90.0	80.0	3.3	0.0	-	0.0	0.0	-	3.0	-	6.1	3.3	-	0.0
90.0	90.0	0.0	0.0	-	3.1	0.0	-	0.0	-	5.8	12.7	-	8.6
90.0	100.0	0.0	-	-	0.0	-	-	3.0	-	-	6.7	-	-
90.0	120.0	16.1	-	-	-	-	-	3.0	-	-	0.0	-	-
90.0	140.0	3.3	-	-	6.4	-	-	0.0	-	-	9.8	-	-
93.0	28.0	3.3	15.3	-	12.5	9.4	-	3.2	-	0.0	0.0	-	0.0
93.0	30.0	0.0	17.3	-	6.6	0.0	-	0.0	-	5.9	0.0	-	0.0
93.0	35.0	0.0	12.1	-	3.2	3.3	-	0.0	-	6.4	0.0	-	0.0
93.0	40.0	0.0	6.4	-	3.1	3.0	-	0.0	-	3.1	0.0	-	0.0
93.0	45.0	3.1	0.0	-	10.0	0.0	-	0.0	-	0.0	3.2	-	12.6
93.0	50.0	6.8	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0
93.0	55.0	26.6	3.2	-	3.2	9.6	-	0.0	-	-	3.2	-	0.0
93.0	70.0	3.3	8.7	-	10.1	0.0	-	0.0	-	0.0	0.0	-	6.2
93.0	80.0	6.3	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	0.0	9.3	-	0.0	-	0.0	0.0	-	15.8
93.0	100.0	16.9	-	-	12.8	-	-	3.1	-	-	0.0	-	-
93.0	120.0	0.0	-	-	9.2	-	-	3.1	-	-	3.2	-	-
93.0	140.0	-	-	-	9.0	-	-	0.0	-	-	0.0	-	-
97.0	30.0	0.0	5.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	9.4	-	6.8	-	10.1	0.0	-	3.3	0.0	-	9.6
97.0	35.0	0.0	6.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2
97.0	40.0	0.0	6.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	9.0	0.0	-	3.3	9.8	-	0.0
97.0	50.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	7.2	-	0.0
97.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
97.0	70.0	6.2	-	-	3.1	-	0.0	4.5	-	0.0	9.3	-	3.1
97.0	80.0	2.9	-	-	9.8	-	3.1	0.0	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	3.0	-	0.0	6.0	-	0.0	6.1	-	0.0
100.0	29.0	0.0	0.0	-	2.7	-	3.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	12.5	-	0.0	-	3.4	4.6	-	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	3.2	-	6.2
100.0	45.0	0.0	3.3	-	11.6	-	0.0	13.9	-	0.0	0.0	-	0.0
100.0	50.0	0.0	20.1	-	13.0	-	13.1	0.0	-	0.0	3.2	-	0.0
100.0	55.0	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	9.6	-	6.3	-	0.0	0.0	-	7.3	0.0	-	0.0
100.0	70.0	0.0	0.0	-	10.0	-	6.5	0.0	-	36.7	6.7	-	0.0
100.0	80.0	0.0	0.0	-	3.1	-	6.3	4.3	-	3.5	3.3	-	0.0
100.0	90.0	0.0	0.0	-	6.2	-	6.0	0.0	-	3.7	0.0	-	2.8
103.0	35.0	0.0	13.3	-	9.5	-	0.0	0.0	-	10.4	0.0	-	0.0
103.0	40.0	0.0	3.5	-	0.0	-	0.0	0.0	-	3.6	5.7	-	3.1
103.0	45.0	0.0	3.6	-	12.4	-	0.0	0.0	-	0.0	9.5	-	0.0
103.0	50.0	3.0	3.5	-	0.0	-	0.0	0.0	-	7.2	5.7	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	7.0	3.5	-	0.0	0.0	-	3.2
103.0	60.0	0.0	0.0	-	0.0	-	0.0	7.1	-	0.0	6.8	-	3.3

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	70.0	3.0	3.3	-	[illegible]	-	[illegible]	[illegible]		3.3	0.0	-	[illegible]
103.0	80.0	0.0	3.3	-	[illegible]	-	[illegible]	[illegible]		3.3	0.0	-	[illegible]
107.0	32.0	0.0	3.7	-	[illegible]	-	[illegible]	[illegible]		0.0	0.0	-	[illegible]
107.0	35.0	0.0	1.0	-	[illegible]	-	[illegible]	[illegible]		3.3	0.0	-	[illegible]
107.0	40.0	0.0	25.8	-	[illegible]	-	[illegible]	[illegible]	-	7.3	0.0	-	[illegible]
107.0	45.0	11.9	14.6	-	[illegible]	-	[illegible]	0.0	-	0.0	0.0	-	[illegible]
107.0	50.0	0.0	0.0	-	[illegible]	-	[illegible]	3.6	-	0.0	3.6	-	[illegible]
107.0	55.0	0.0	10.8	-	[illegible]	-	[illegible]	0.0	-	0.0	2.9	-	[illegible]
107.0	60.0	0.0	0.0	-	[illegible]	-	0.0	0.0	-	0.0	0.0	-	[illegible]
107.0	70.0	0.0	3.7	-	[illegible]	-	0.0	0.0	-	6.8	0.0	-	[illegible]
107.0	80.0	0.0	21.4	-	[illegible]	-	[illegible]	0.0	-	0.0	0.0	-	[illegible]
110.0	35.0	5.8	6.8	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0
110.0	40.0	6.2	10.1	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	3.0	0.0	-	[illegible]	-	[illegible]	0.0	-	0.0	0.0	-	[illegible]
110.0	50.0	0.0	10.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	60.0	11.8	3.3	-	3.3	-	0.0	0.0	-	3.1	0.0	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	5.2	0.0	-	0.0	0.0	-	[illegible]
110.0	80.0	3.3	0.0	-	15.1	-	[illegible]	[illegible]	-	9.0	6.5	-	[illegible]
113.0	35.0	0.0	0.0	-	67.6	-	[illegible]	0.0	-	0.0	0.0	-	[illegible]
113.0	40.0	0.0	19.1	-	[illegible]	-	[illegible]	0.0	-	3.3	0.0	-	[illegible]
113.0	45.0	0.0	0.0	-	15.1	-	0.0	0.0	-	0.0	3.1	-	0.0
113.0	50.0	3.2	7.2	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
113.0	60.0	0.0	0.0	-	[illegible]	-	0.0	0.0	-	3.3	8.8	-	[illegible]
113.0	70.0	0.0	10.6	-	21.9	-	0.0	0.0	-	6.4	0.0	-	[illegible]
113.0	80.0	0.0	3.3	-	0.0	-	6.2	0.0	-	27.5	3.1	-	0.0
117.0	40.0	0.0	3.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	45.0	3.2	7.2	-	0.0	-	[illegible]	0.0	-	0.0	-	0.0	0.0
117.0	50.0	[illegible]	0.0	-	[illegible]	-	[illegible]	0.0	-	0.0	-	[illegible]	0.0
117.0	60.0	0.0	0.0	-	[illegible]	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	70.0	0.0	0.0	-	[illegible]	-	0.0	[illegible]	-	0.0	-	0.0	0.0
117.0	80.0	-	0.0	-	0.0	-	16.0	0.0	-	[illegible]	-	[illegible]	0.0
118.0	39.0	0.0	[illegible]	-	0.0	-	0.0	0.0	-	0.0	6.0	-	0.0
120.0	45.0	[illegible]	-	[illegible]	0.0	-	[illegible]	0.0	-	[illegible]	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	5.8	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	6.9	-	-	0.0
120.0	60.0	6.1	-	3.6	9.5	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	70.0	0.0	-	1.7	3.0	-	[illegible]	10.6	-	[illegible]	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	[illegible]	-	[illegible]	-	[illegible]	[illegible]
123.0	42.0	-	-	[illegible]	[illegible]	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	45.0	-	-	[illegible]	[illegible]	-	[illegible]	[illegible]	-	0.0	-	0.0	0.0
123.0	50.0	-	-	[illegible]	[illegible]	-	[illegible]	[illegible]	-	0.0	-	0.0	0.0
123.0	60.0	-	-	0.0	[illegible]	-	[illegible]	0.0	-	[illegible]	-	0.0	0.0
127.0	40.0	-	-	0.0	[illegible]	-	0.0	[illegible]	-	-	[illegible]	[illegible]	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	-	[illegible]	[illegible]	[illegible]
127.0	50.0	-	-	0.0	[illegible]	-	[illegible]	0.0	-	-	0.0	0.0	0.0
127.0	60.0	-	-	[illegible]	[illegible]	-	[illegible]	[illegible]	-	-	[illegible]	0.0	0.0

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 35.0	–	–	3.7	11.9	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0 40.0	–	–	3.4	3.2	–	0.0	0.0	–	–	0.0	0.0	3.0
130.0 45.0	–	–	6.8	0.0	–	3.8	0.0	–	–	13.3	0.0	–
130.0 50.0	–	–	3.6	6.1	–	0.0	0.0	–	–	6.7	2.8	–
130.0 60.0	–	–	3.5	0.0	–	12.8	0.0	–	–	0.0	9.0	–
133.0 30.0	–	–	0.0	0.0	–	0.0	3.5	–	–	0.0	0.0	0.0
133.0 35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	0.0
133.0 50.0	–	–	0.0	5.4	–	0.0	0.0	–	–	0.0	0.0	–
133.0 60.0	–	–	17.9	9.7	–	3.0	0.0	–	–	9.9	13.6	–
137.0 35.0	–	–	0.0	0.0	–	0.0	17.1	–	–	0.0	0.0	0.0
137.0 40.0	–	–	0.0	3.0	–	0.0	0.0	–	–	0.0	0.0	–
137.0 50.0	–	–	0.0	0.0	–	2.8	9.4	–	–	0.0	3.4	–
137.0 60.0	–	–	0.0	23.4	–	0.0	6.4	–	–	9.7	3.0	–

Astronesthidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	3.0	–

Chauliodus macouni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 55.0	6.5	–	–	–	–	–	–	–	–	–	–	–
40.0 100.0	5.8	–	–	–	–	–	–	–	–	–	–	–
43.0 50.0	2.7	–	–	–	–	–	–	–	–	–	–	–
43.0 55.0	6.1	–	–	–	–	–	–	–	–	–	–	–
43.0 60.0	24.6	–	–	–	–	–	–	–	–	–	–	–
43.0 90.0	25.1	–	–	–	–	–	–	–	–	–	–	–
43.0 100.0	6.2	–	–	–	–	–	–	–	–	–	–	–
43.0 120.0	2.0	–	–	–	–	–	–	–	–	–	–	–
47.0 70.0	3.3	–	–	–	–	–	–	–	–	–	–	–
47.0 100.0	3.1	–	–	–	–	–	–	–	–	–	–	–
50.0 50.0	–	2.9	–	–	–	–	–	–	–	–	–	–
50.0 60.0	–	6.7	–	–	–	–	–	–	–	–	–	–
50.0 80.0	–	3.3	–	–	–	–	–	–	–	–	–	–
50.0 120.0	10.6	–	–	–	–	–	–	–	–	–	–	–
53.0 60.0	–	2.9	–	–	–	–	–	–	–	–	–	–
53.0 80.0	–	6.2	–	–	–	–	–	–	–	–	–	–
53.0 100.0	–	6.4	–	–	–	–	–	–	–	–	–	–
57.0 55.0	–	3.2	–	–	–	–	–	–	–	–	–	–
57.0 80.0	–	5.6	–	–	–	–	–	–	–	–	–	–
57.0 90.0	–	8.8	–	–	–	–	–	–	–	–	–	–
57.0 100.0	–	3.1	–	–	–	–	–	–	–	–	–	–
60.0 60.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	2.8	0.0	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
60.0	70.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	6.0	-
60.0	80.0	0.0	0.0	-	-	0.0	-	10.4	0.0	-	3.2	3.3	-
60.0	90.0	0.0	0.0	-	-	25.8	-	5.6	9.7	-	0.0	6.3	-
63.0	55.0	0.0	0.0	-	-	3.0	-	3.6	0.0	-	0.0	2.6	-
63.0	60.0	0.0	0.0	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	9.0	0.0	-	-	4.2	-	0.0	3.5	-	0.0	0.0	-
63.0	70.0	10.0	0.0	-	-	0.0	-	0.0	0.0	-	7.0	0.0	-
63.0	90.0	0.0	0.0	-	-	3.3	-	0.0	0.0	-	3.3	0.0	-
67.0	55.0	3.2	0.0	-	-	0.0	-	7.2	3.4	-	3.4	0.0	-
67.0	60.0	0.0	1.7	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0	65.0	3.0	5.1	-	-	0.0	-	0.0	0.0	-	3.2	0.0	-
67.0	70.0	0.0	1.6	-	-	6.7	-	0.0	0.0	-	3.1	6.7	-
67.0	80.0	9.0	0.0	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	3.3	0.0	-	-	0.0	-	3.9	0.0	-	3.3	0.0	-
70.0	51.0	0.0	0.0	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.2	-
70.0	60.0	0.0	1.7	-	-	0.0	-	0.0	3.6	-	0.0	0.0	-
70.0	65.0	0.0	0.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
70.0	70.0	0.0	1.6	-	-	13.7	-	0.0	3.0	-	0.0	0.0	-
70.0	75.0	-	3.8	-	-	0.0	-	-	0.0	-	-	2.8	-
70.0	80.0	0.0	0.0	-	-	10.5	-	3.8	0.0	-	0.0	5.7	-
70.0	90.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	0.0	6.0	-
70.0	100.0	-	0.0	-	-	3.4	-	-	0.0	-	-	6.1	-
70.0	110.0	-	0.0	-	-	3.8	-	-	0.0	-	-	-	-
73.0	53.0	0.0	1.3	-	-	0.0	-	3.9	0.0	-	0.0	3.1	-
73.0	60.0	3.1	3.2	-	-	7.1	-	0.0	0.0	-	0.0	6.3	-
73.0	65.0	0.0	4.8	-	-	3.4	-	10.4	5.2	-	0.0	0.0	-
73.0	70.0	2.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	8.3	-
73.0	80.0	0.0	4.6	-	-	0.0	-	4.0	0.0	-	3.2	6.0	-
73.0	90.0	3.5	1.4	-	-	0.0	-	0.0	0.0	-	6.3	0.0	-
77.0	55.0	0.0	1.5	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
77.0	60.0	0.0	0.0	-	-	8.0	-	0.0	0.0	-	0.0	0.0	-
77.0	65.0	6.1	0.0	-	-	0.0	-	0.0	3.5	-	3.3	3.0	-
77.0	70.0	8.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	6.8	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
77.0	90.0	0.0	1.4	-	0.0	0.0	-	2.9	0.0	-	0.0	6.1	-
77.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
77.0	120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
80.0	60.0	3.3	0.0	-	0.0	0.0	-	6.6	0.0	-	0.0	0.0	-
80.0	65.0	3.3	3.3	-	0.0	0.0	-	3.2	0.0	-	0.0	3.0	-
80.0	68.0	-	5.9	-	-	-	-	-	-	-	-	-	-
80.0	70.0	0.0	-	-	3.2	0.0	-	6.3	0.0	-	-	5.9	-
80.0	80.0	0.0	0.0	-	2.8	3.4	-	0.0	0.0	-	3.4	6.0	-
80.0	90.0	0.0	0.0	-	0.0	3.3	-	3.1	0.0	-	3.0	0.0	-
83.0	55.0	0.0	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 60.0	0.0	0.0	–	0.0	0.0	–	0.0	4.1	–	3.2	0.0	–
83.0 80.0	0.0	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0 90.0	0.0	3.1	–	3.4	0.0	–	0.0	3.0	–	9.3	9.0	–
85.0 60.0	–	–	–	3.5	–	–	–	–	–	–	–	–
87.0 55.0	0.0	0.0	–	0.0	0.0	–	3.2	–	2.8	0.0	–	3.1
87.0 60.0	0.0	0.0	–	–	3.7	–	0.0	–	0.0	0.0	0.0	–
87.0 70.0	3.3	6.3	–	0.0	0.0	–	10.7	–	0.0	0.0	0.0	–
87.0 90.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	3.3	0.0	–
90.0 28.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0
90.0 45.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0
90.0 53.0	0.0	0.0	–	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0
90.0 60.0	0.0	0.0	0.0	3.2	0.0	–	0.0	–	0.0	3.3	–	0.0
90.0 70.0	0.0	3.3	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0 80.0	3.3	0.0	–	0.0	3.2	–	0.0	–	0.0	0.0	–	2.5
90.0 100.0	3.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
93.0 28.0	0.0	0.0	–	3.1	0.0	–	0.0	–	0.0	3.3	–	0.0
93.0 60.0	0.0	0.0	–	0.0	3.6	–	3.0	–	2.8	0.0	–	0.0
93.0 70.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
93.0 80.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
93.0 90.0	0.0	0.0	–	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0 100.0	3.4	–	–	0.0	–	–	0.0	–	–	0.0	–	–
97.0 35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
97.0 50.0	0.0	0.0	–	0.0	–	0.0	4.9	–	0.0	3.6	–	0.0
97.0 60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
97.0 70.0	3.1	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0 35.0	0.0	0.0	–	2.9	–	0.0	0.0	–	0.0	3.2	–	3.0
100.0 45.0	0.0	0.0	–	2.9	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0 50.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	3.3
100.0 60.0	0.0	0.0	–	0.0	–	0.0	4.0	–	0.0	0.0	–	0.0
100.0 70.0	0.0	0.0	–	3.3	–	0.0	4.3	–	0.0	0.0	–	0.0
103.0 40.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0
103.0 55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.4	–	0.0
107.0 32.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
107.0 35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0
107.0 55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.9
110.0 45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.8	0.0	–	0.0

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 70.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
60.0 120.0	–	3.0	–	–	–	–	–	–	–	–	–	–
63.0 90.0	0.0	0.0	–	–	0.0	–	0.0	3.3	–	0.0	0.0	–
70.0 90.0	0.0	0.0	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
70.0 110.0	–	0.0	–	–	0.0	–	–	7.5	–	–	–	–

TABLE 4. (cont.)

Idiacanthus antrostomus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	0.0	1.4	–	–	0.0	–	0.0	2.8	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	0.0	–	0.0	7.8	–	0.0	0.0	–
73.0	90.0	0.0	4.8	–	–	0.0	–	20.6	5.9	–	0.0	0.0	–
77.0	70.0	0.0	0.0	–	–	0.0	–	0.0	3.6	–	0.0	2.9	–
77.0	80.0	0.0	0.0	–	0.0	0.0	–	14.0	0.0	–	7.5	12.0	–
77.0	90.0	0.0	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0	0.0	–
80.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	3.4	–	0.0	0.0	–
80.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	6.6	–	0.0	0.0	–
80.0	65.0	3.3	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	70.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.9	–
80.0	80.0	0.0	0.0	–	2.8	0.0	–	3.1	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	21.9	12.0	–	3.0	0.0	–
83.0	80.0	3.1	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	0.0	–	24.5	3.0	–	0.0	6.0	–
85.0	60.0	–	–	–	3.5	–	–	–	–	–	–	–	–
87.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	6.7	–	0.0	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	3.3	–	0.0	–	8.6	6.7	0.0	–
87.0	90.0	0.0	0.0	–	0.0	0.0	–	3.3	–	17.3	6.6	0.0	–
90.0	60.0	0.0	0.0	0.0	0.0	0.0	–	6.9	–	0.0	0.0	–	0.0
90.0	70.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	2.7
90.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.3	–	0.0
90.0	90.0	3.2	0.0	–	0.0	0.0	–	0.0	–	23.3	15.9	–	14.3
90.0	100.0	0.0	–	–	0.0	–	–	3.0	–	–	6.7	–	–
90.0	120.0	3.2	–	–	–	–	–	12.0	–	–	12.4	–	–
90.0	140.0	3.3	–	–	0.0	–	–	0.0	–	–	3.3	–	–
93.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8	3.3	–	0.0
93.0	60.0	0.0	3.0	–	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0
93.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	3.1
93.0	80.0	3.2	0.0	–	0.0	5.9	–	3.1	–	6.0	3.4	–	2.9
93.0	90.0	0.0	0.0	–	0.0	6.2	–	20.0	–	2.8	5.6	–	9.5
93.0	100.0	0.0	–	–	0.0	–	–	3.1	–	–	6.8	–	–
93.0	120.0	0.0	–	–	0.0	–	–	6.1	–	–	3.2	–	–
97.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.4	–	0.0
97.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1
97.0	80.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	5.6	–	2.8
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	5.4	–	3.1
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	3.3	–	0.0
100.0	80.0	3.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
100.0	90.0	3.0	3.6	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
103.0	40.0	3.3	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.6	0.0	–	3.2
103.0	55.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	3.4	–	0.0
103.0	60.0	0.0	3.7	–	0.0	–	0.0	0.0	–	3.3	0.0	–	3.3
103.0	70.0	0.0	0.0	–	0.0	–	9.9	0.0	–	0.0	0.0	–	0.0
103.0	80.0	0.0	0.0	–	0.0	–	3.2	13.0	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Idiacanthus antrostomus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	50.0	0.0	0.0	–	0.0	–	2.8	3.2	–	0.0	0.0	–	0.0
107.0	55.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	2.9
107.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.4	0.0	–	0.0
107.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	4.6	–	0.0
110.0	50.0	0.0	3.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1
110.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
113.0	45.0	0.0	0.0	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
113.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1
113.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
117.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	8.9
123.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.0

Aristostomias scintillans

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	120.0	0.0	–	–	–	–	–	3.0	–	–	0.0	–	–
90.0	140.0	0.0	–	–	3.2	–	–	0.0	–	–	0.0	–	–
93.0	120.0	3.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
93.0	140.0	–	–	–	9.0	–	–	0.0	–	–	0.0	–	–
97.0	90.0	0.0	–	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0
103.0	80.0	3.3	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	40.0	3.3	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	80.0	–	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	3.0
120.0	60.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.3	–	0.0	0.0

Bathophilus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	140.0	0.0	–	–	0.0	–	–	0.0	–	–	3.3	–	–
93.0	90.0	0.0	0.0	–	0.0	6.2	–	0.0	–	0.0	0.0	–	0.0

Tactostoma macropus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	0.0	–	–	0.0	–	3.4	0.0	–	0.0	0.0	–
67.0	70.0	0.0	0.0	–	–	0.0	–	3.6	0.0	–	0.0	0.0	–
100.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0
100.0	90.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0

TABLE 4. (cont.)

Stomias atriventer

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	80.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	80.0	0.0	0.0	-	-	0.0	-	3.8	0.0	-	0.0	0.0	-
70.0	110.0	-	0.0	-	-	3.8	-	-	0.0	-	-	-	-
77.0	51.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	6.0	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	17.1	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	3.2	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	3.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	5.9	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0	0.0	-
87.0	40.0	3.3	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	45.0	9.1	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	70.0	0.0	0.0	-	5.9	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	0.0	-
87.0	90.0	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
90.0	37.0	0.0	6.5	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	13.9	-	-	0.0	-	-	-	0.0	-	-	0.0
90.0	45.0	3.3	6.5	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	0.0	6.7	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	70.0	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0
90.0	90.0	0.0	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	0.0	10.4	-	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	40.0	0.0	12.8	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	45.0	0.0	28.0	-	3.3	0.0	-	0.0	-	3.4	0.0	-	0.0
93.0	50.0	0.0	15.7	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	3.3	12.9	-	0.0	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	2.7	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	8.7	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	2.9	3.1	-	0.0	-	0.0	0.0	-	0.0
93.0	120.0	0.0	-	-	15.3	-	-	0.0	-	-	0.0	-	-
93.0	140.0	-	-	-	0.0	-	-	2.8	-	-	0.0	-	-
94.0	30.0	0.0	3.3	-	-	-	-	-	-	-	-	-	-
97.0	32.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	35.0	0.0	3.1	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	40.0	3.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	5.4	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	6.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	9.4	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
100.0	60.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	22.0	0.0	-	0.0
100.0	80.0	3.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
100.0	90.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	35.0	0.0	3.3	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0	40.0	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	45.0	0.0	21.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	50.0	0.0	20.9	-	0.0	-	0.0	0.0	-	3.6	0.0	-	0.0
103.0	55.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	3.4	-	0.0
103.0	60.0	0.0	22.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	3.1	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	80.0	0.0	0.0	-	6.1	-	0.0	3.3	-	2.8	2.9	-	0.0
107.0	32.0	0.0	0.0	-	2.8	-	3.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	14.2	0.0	-	3.5
107.0	40.0	0.0	18.4	-	0.0	-	0.0	0.0	-	3.8	0.0	-	0.0
107.0	45.0	0.0	29.1	-	0.0	-	0.0	0.0	-	6.5	0.0	-	0.0
107.0	50.0	6.9	29.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	96.9	-	0.0	-	0.0	3.5	-	2.9	0.0	-	0.0
107.0	60.0	0.0	25.3	-	3.1	-	0.0	0.0	-	0.0	3.1	-	0.0
107.0	70.0	0.0	3.7	-	0.0	-	3.1	0.0	-	3.4	0.0	-	0.0
107.0	80.0	3.4	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	35.0	3.4	6.8	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
110.0	40.0	3.1	10.1	-	3.3	-	0.0	4.0	-	6.8	0.0	-	0.0
110.0	50.0	3.0	20.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	60.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	5.4	-	0.0	0.0	-	0.0	0.0	-	3.1
110.0	80.0	6.6	3.6	-	0.0	-	0.0	0.0	-	3.0	0.0	-	3.0
113.0	35.0	0.0	0.0	-	0.0	-	3.3	0.0	-	3.0	0.0	-	0.0
113.0	40.0	0.0	34.5	-	6.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	11.1	18.2	-	0.0	-	6.0	0.0	-	6.0	0.0	-	0.0
113.0	50.0	6.3	14.4	-	0.0	-	3.0	0.0	-	9.7	0.0	-	0.0
113.0	60.0	2.7	0.0	-	0.0	-	5.8	0.0	-	0.0	0.0	-	0.0
113.0	70.0	6.3	3.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	80.0	3.2	0.0	-	2.8	-	0.0	3.4	-	0.0	0.0	-	0.0
117.0	35.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	15.2	-	0.0	-	12.5	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	3.3	0.0	-	3.4	-	0.0	0.0
117.0	50.0	6.2	3.5	-	0.0	-	3.9	3.4	-	18.9	-	5.7	0.0
117.0	60.0	0.0	0.0	-	0.0	-	0.0	9.6	-	0.0	-	0.0	0.0
117.0	70.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	25.6
117.0	80.0	-	0.0	-	0.0	-	4.0	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	7.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	3.2	-	1.8	0.0	-	6.6	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	3.6	0.0	-	6.2	3.5	-	2.9	-	0.0	0.0
120.0	55.0	-	-	5.8	-	-	3.2	-	-	6.9	-	-	0.0
120.0	60.0	0.0	-	0.0	0.0	-	0.0	3.2	-	6.5	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.9	0.0

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	13.2	6.2
123.0	42.0	–	–	0.0	0.0	–	14.3	0.0	–	0.0	–	0.0	0.0
123.0	45.0	–	–	0.0	0.0	–	3.2	3.3	–	0.0	–	0.0	0.0
123.0	60.0	–	–	3.5	0.0	–	3.1	0.0	–	9.4	–	0.0	0.0
127.0	34.0	–	–	6.9	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
127.0	40.0	–	–	0.0	0.0	–	3.4	0.0	–	–	0.0	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	3.2	–	–	0.0	0.0	3.1
127.0	50.0	–	–	3.5	0.0	–	0.0	6.6	–	–	0.0	0.0	0.0
127.0	60.0	–	–	3.5	0.0	–	9.4	3.1	–	–	11.1	0.0	8.9
130.0	35.0	–	–	7.4	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	40.0	–	–	0.0	0.0	–	3.3	3.4	–	–	0.0	0.0	6.1
130.0	45.0	–	–	3.4	0.0	–	7.6	0.0	–	–	10.0	0.0	–
130.0	50.0	–	–	0.0	0.0	–	9.5	7.4	–	–	6.7	0.0	–
130.0	60.0	–	–	7.0	0.0	–	3.2	0.0	–	–	0.0	3.0	–
133.0	30.0	–	–	3.6	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	35.0	–	–	7.5	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	0.0
133.0	50.0	–	–	3.4	0.0	–	0.0	3.3	–	–	3.2	0.0	–
133.0	60.0	–	–	3.6	0.0	–	0.0	0.0	–	–	3.3	0.0	–
137.0	35.0	–	–	0.0	0.0	–	0.0	13.7	–	–	0.0	0.0	0.0
137.0	40.0	–	–	3.4	0.0	–	3.2	6.4	–	–	0.0	0.0	–
137.0	50.0	–	–	3.4	0.0	–	0.0	0.0	–	–	6.4	0.0	–
137.0	60.0	–	–	0.0	2.9	–	6.0	3.2	–	–	3.2	0.0	–

Paralepididae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	90.0	0.0	0.0	–	0.0	0.0	–	3.3	–	0.0	0.0	0.0	–
103.0	45.0	0.0	14.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	16.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	55.0	0.0	10.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
117.0	80.0	–	0.0	–	0.0	–	4.0	0.0	–	0.0	–	0.0	0.0

Lestidiops ringens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	6.5	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	5.3	–	–	–	–	–	–	–	–	–	–	–
40.0	80.0	7.4	–	–	–	–	–	–	–	–	–	–	–
40.0	90.0	6.1	–	–	–	–	–	–	–	–	–	–	–
40.0	100.0	2.9	–	–	–	–	–	–	–	–	–	–	–
43.0	42.0	3.3	–	–	–	–	–	–	–	–	–	–	–
43.0	50.0	5.5	–	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0 55.0	3.0	-	-	-	-	-	-	-	-	-	-	-
43.0 60.0	3.1	-	-	-	-	-	-	-	-	-	-	-
43.0 90.0	5.0	-	-	-	-	-	-	-	-	-	-	-
43.0 100.0	6.2	-	-	-	-	-	-	-	-	-	-	-
47.0 60.0	2.7	-	-	-	-	-	-	-	-	-	-	-
47.0 70.0	16.3	-	-	-	-	-	-	-	-	-	-	-
47.0 80.0	6.5	-	-	-	-	-	-	-	-	-	-	-
47.0 90.0	13.9	-	-	-	-	-	-	-	-	-	-	-
47.0 100.0	15.3	-	-	-	-	-	-	-	-	-	-	-
50.0 50.0	-	2.9	-	-	-	-	-	-	-	-	-	-
50.0 55.0	-	12.4	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	15.7	-	-	-	-	-	-	-	-	-	-
50.0 80.0	-	3.3	-	-	-	-	-	-	-	-	-	-
50.0 90.0	-	7.4	-	-	-	-	-	-	-	-	-	-
50.0 100.0	-	6.7	-	-	-	-	-	-	-	-	-	-
53.0 70.0	-	3.0	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0 100.0	-	6.4	-	-	-	-	-	-	-	-	-	-
57.0 100.0	-	6.2	-	-	-	-	-	-	-	-	-	-
60.0 60.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 65.0	2.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 80.0	0.0	6.3	-	-	3.8	-	0.0	0.0	-	0.0	13.0	-
60.0 90.0	0.0	1.9	-	-	3.2	-	2.8	0.0	-	0.0	6.3	-
63.0 55.0	0.0	0.0	-	-	3.0	-	0.0	0.0	-	3.0	0.0	-
63.0 60.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 65.0	0.0	6.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 70.0	3.3	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 80.0	3.2	0.0	-	-	-	-	-	0.0	-	0.0	3.4	-
63.0 90.0	9.6	0.0	-	-	0.0	-	0.0	0.0	-	6.6	0.0	-
63.0 100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0 50.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 55.0	3.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 65.0	3.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 70.0	6.5	2.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 80.0	0.0	1.6	-	-	-	-	0.0	0.0	-	3.5	0.0	-
70.0 53.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.2	-
70.0 60.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 65.0	7.0	3.3	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
70.0 90.0	12.0	0.0	-	-	0.0	-	3.1	0.0	-	0.0	0.0	-
70.0 100.0	-	3.5	-	-	0.0	-	-	0.0	-	-	0.0	-
70.0 110.0	-	3.1	-	-	0.0	-	-	0.0	-	-	-	-
73.0 50.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.7	-
73.0 53.0	0.0	1.3	-	-	0.0	-	0.0	0.0	-	0.0	3.1	-
73.0 60.0	0.0	0.0	-	-	0.0	-	0.0	8.4	-	0.0	3.1	-
73.0 65.0	0.0	0.0	-	-	0.0	-	0.0	13.0	-	0.0	0.0	-
73.0 70.0	2.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 90.0	0.0	3.4	-	-	3.5	-	3.4	0.0	-	0.0	0.0	-
77.0 51.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 60.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.5	0.0	-
77.0 70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.9	-
77.0 80.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.8	0.0	-
77.0 90.0	0.0	1.7	-	0.0	0.0	-	0.0	0.0	-	3.1	0.0	-
80.0 65.0	0.0	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 68.0	-	2.9	-	-	-	-	-	-	-	-	-	-
80.0 80.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	6.0	-
80.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0	0.0	-
82.0 47.0	3.2	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 43.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.5	0.0	-
83.0 51.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 55.0	6.5	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 60.0	9.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 70.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.2	-
83.0 90.0	0.0	0.0	-	0.0	0.0	-	3.1	6.1	-	0.0	0.0	-
87.0 35.0	6.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 40.0	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
87.0 70.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0 80.0	0.0	0.0	-	0.0	3.3	-	0.0	-	2.9	0.0	3.2	-
87.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	13.8	3.3	0.0	-
90.0 45.0	3.3	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 60.0	3.1	0.0	0.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
90.0 70.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0
90.0 80.0	0.0	3.0	-	3.2	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0 90.0	0.0	0.0	-	0.0	0.0	-	5.9	-	0.0	0.0	-	0.0
90.0 120.0	3.2	-	-	-	-	-	3.0	-	-	0.0	-	-
93.0 27.0	2.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 30.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0
93.0 40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.1	-	6.4
93.0 45.0	0.0	0.0	-	0.0	0.0	-	0.0	-	6.8	3.2	-	0.0
93.0 60.0	0.0	0.0	-	0.0	3.6	-	0.0	-	2.8	0.0	-	0.0
93.0 70.0	0.0	5.8	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 80.0	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
93.0 90.0	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	5.6	-	0.0
93.0 100.0	0.0	-	-	0.0	-	-	6.2	-	-	0.0	-	-
93.0 120.0	0.0	-	-	0.0	-	-	0.0	-	-	3.2	-	-
93.0 140.0	-	-	-	3.0	-	-	0.0	-	-	0.0	-	-
97.0 32.0	0.0	3.1	-	0.0	-	0.0	0.0	-	3.3	6.0	-	0.0
97.0 35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	8.9	0.0	-	0.0
97.0 45.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
97.0 60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.0	0.0	-	0.0
97.0 70.0	3.1	-	-	0.0	-	0.0	0.0	-	9.0	0.0	-	0.0

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	0.0	-	-	16.4	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	3.0	-	0.0	0.0	-	5.9	0.0	-	0.0
100.0	30.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	0.0	4.6	-	12.0	0.0	-	0.0
100.0	40.0	2.8	0.0	-	0.0	-	0.0	0.0	-	5.5	3.2	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
100.0	50.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	55.0	0.0	3.3	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	3.2	-	0.0	0.0	-	21.9	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	-	0.0	4.3	-	0.0	3.3	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	28.2	0.0	-	3.0
100.0	90.0	0.0	0.0	-	6.2	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	5.6	-	0.0
103.0	35.0	0.0	6.7	-	0.0	-	0.0	0.0	-	3.5	3.2	-	0.0
103.0	40.0	6.7	0.0	-	0.0	-	0.0	0.0	-	0.0	17.2	-	0.0
103.0	45.0	0.0	3.6	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	50.0	3.0	7.0	-	0.0	-	0.0	0.0	-	0.0	5.7	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	3.5	-	6.7	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
103.0	70.0	0.0	0.0	-	0.0	-	0.0	3.6	-	13.0	10.4	-	0.0
103.0	80.0	0.0	6.6	-	3.1	-	0.0	3.3	-	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	12.7	-	0.0
107.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	11.4	0.0	-	0.0
107.0	45.0	0.0	25.5	-	9.1	-	0.0	3.7	-	0.0	0.0	-	0.0
107.0	50.0	0.0	4.2	-	3.3	-	5.5	6.5	-	3.2	0.0	-	3.1
107.0	55.0	0.0	0.0	-	3.0	-	6.4	3.5	-	0.0	0.0	-	0.0
107.0	60.0	0.0	3.6	-	9.3	-	0.0	0.0	-	2.8	0.0	-	0.0
107.0	70.0	0.0	0.0	-	3.2	-	3.1	12.3	-	10.2	0.0	-	0.0
107.0	80.0	0.0	0.0	-	0.0	-	0.0	16.7	-	0.0	4.6	-	0.0
110.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0
110.0	45.0	3.0	0.0	-	6.0	-	3.2	0.0	-	0.0	0.0	-	0.0
110.0	50.0	0.0	0.0	-	0.0	-	3.0	0.0	-	2.7	0.0	-	0.0
110.0	70.0	0.0	0.0	-	2.7	-	3.1	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	9.9	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.1	0.0	-	0.0
113.0	40.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	70.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
117.0	35.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	0.0	-	3.0	-	0.0	3.8	-	0.0	0.0	-	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0
117.0	80.0	-	0.0	-	0.0	-	4.0	0.0	-	0.0	-	0.0	0.0
120.0	60.0	0.0	-	0.0	0.0	-	0.0	3.2	-	3.3	-	0.0	2.9
120.0	80.0	-	-	0.0	0.0	-	0.0	30.5	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	2.8	-	3.2	3.3	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0 50.0	–	–	0.0	0.0	–	3.1	3.4	–	0.0	–	0.0	0.0
127.0 50.0	–	–	0.0	0.0	–	0.0	9.9	–	–	0.0	0.0	0.0

Notolepis risso

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 90.0	0.0	0.0	–	–	3.5	–	0.0	0.0	–	0.0	0.0	–
77.0 70.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
77.0 80.0	0.0	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0	0.0	–
77.0 90.0	0.0	0.0	–	3.4	3.6	–	0.0	0.0	–	0.0	0.0	–
80.0 90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
90.0 53.0	0.0	0.0	–	0.0	0.0	–	6.6	–	0.0	0.0	–	0.0
90.0 70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.7
90.0 90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.2	–	0.0
90.0 140.0	0.0	–	–	3.2	–	–	0.0	–	–	3.3	–	–
93.0 80.0	0.0	0.0	–	0.0	5.9	–	0.0	–	0.0	0.0	–	0.0
93.0 120.0	0.0	–	–	3.1	–	–	0.0	–	–	0.0	–	–
97.0 90.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1
107.0 70.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
110.0 50.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
110.0 70.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
113.0 35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0

Stemonosudis macrura

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 90.0	0.0	0.0	–	–	3.2	–	0.0	0.0	–	0.0	0.0	–
63.0 90.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
70.0 51.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
70.0 80.0	0.0	0.0	–	–	0.0	–	3.8	0.0	–	0.0	0.0	–
70.0 110.0	–	0.0	–	–	7.6	–	–	0.0	–	–	–	–
73.0 60.0	0.0	0.0	–	–	0.0	–	0.0	2.8	–	0.0	0.0	–
73.0 90.0	0.0	0.0	–	–	3.5	–	0.0	0.0	–	0.0	0.0	–
77.0 80.0	0.0	0.0	–	6.5	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 90.0	0.0	0.0	–	3.4	7.1	–	2.9	0.0	–	0.0	0.0	–
80.0 65.0	0.0	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0	0.0	–
80.0 90.0	0.0	0.0	–	0.0	0.0	–	3.1	4.0	–	0.0	0.0	–
83.0 80.0	0.0	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Scopelosaurus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 70.0	0.0	0.0	-	3.2	0.0	-	6.3	-	0.0	0.0	-	0.0
90.0 90.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0
90.0 100.0	0.0	-	-	3.3	-	-	0.0	-	-	3.3	-	-
90.0 120.0	0.0	-	-	-	-	-	9.0	-	-	0.0	-	-
93.0 80.0	0.0	0.0	-	0.0	3.0	-	0.0	-	0.0	0.0	-	2.9
93.0 90.0	0.0	0.0	-	2.9	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0 90.0	0.0	-	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0 45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
103.0 60.0	0.0	0.0	-	0.0	-	0.0	7.1	-	0.0	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0
107.0 40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 45.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0 50.0	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0	0.0	-	0.0
107.0 55.0	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0
107.0 70.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
110.0 40.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
110.0 45.0	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0
117.0 30.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0

Scopelarchidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 90.0	2.0	-	-	-	-	-	-	-	-	-	-	-
47.0 120.0	3.2	-	-	-	-	-	-	-	-	-	-	-
50.0 70.0	-	3.2	-	-	-	-	-	-	-	-	-	-
60.0 80.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	6.5	-
60.0 90.0	0.0	0.0	-	-	0.0	-	2.8	0.0	-	0.0	0.0	-
63.0 55.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 60.0	0.0	1.6	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0 70.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 90.0	0.0	1.7	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
70.0 60.0	0.0	0.0	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
70.0 80.0	2.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 90.0	0.0	0.0	-	-	0.0	-	6.2	0.0	-	0.0	0.0	-
70.0 110.0	-	3.1	-	-	0.0	-	-	0.0	-	-	-	-
73.0 53.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-
73.0 60.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
73.0 80.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 65.0	0.0	0.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-
77.0 90.0	0.0	1.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 70.0	3.3	-	-	0.0	3.7	-	0.0	0.0	-	-	0.0	-
80.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
83.0 70.0	0.0	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	-
83.0 90.0	0.0	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0	0.0	-
87.0 80.0	0.0	0.0	-	0.0	9.9	-	0.0	-	0.0	0.0	0.0	-

TABLE '. (cont.)

Scopelarchidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	60.0	0.0	0.0	3.5	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	70.0	3.3	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	3.2	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0	-	2.9
90.0	140.0	3.3	-	-	0.0	-	-	12.0	-	-	0.0	-	-
93.0	45.0	0.0	3.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	0.0	6.2	-	5.7	-	0.0	0.0	-	0.0
93.0	140.0	-	-	-	3.0	-	-	0.0	-	-	0.0	-	-
97.0	35.0	2.6	0.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0
97.0	50.0	2.9	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1
97.0	90.0	0.0	-	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	11.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	10.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
103.0	50.0	3.0	0.0	-	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	13.3
103.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	19.5	0.0	-	0.0
103.0	80.0	0.0	3.3	-	0.0	-	0.0	0.0	-	5.5	0.0	-	3.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
107.0	50.0	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
107.0	80.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0	0.0	-	3.0
110.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
110.0	70.0	2.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
113.0	45.0	0.0	0.0	-	0.0	-	0.0	3.8	-	0.0	0.0	-	0.0
113.0	50.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
113.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	6.2	0.0	-	18.4	0.0	-	3.0
117.0	40.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	5.9	8.6
117.0	80.0	-	0.0	-	0.0	-	4.0	0.0	-	9.2	-	0.0	8.9
120.0	45.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.1	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	3.5	-	-	0.0
120.0	60.0	3.1	-	0.0	0.0	-	0.0	6.4	-	0.0	-	0.0	0.0
120.0	70.0	6.1	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	9.9	6.2
120.0	90.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	11.8
123.0	42.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.3	0.0
123.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	3.4	-	0.0	0.0
123.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	11.6	0.0
127.0	50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	3.0
127.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	3.0

TABLE 4. (cont.)

Scopelarchidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0 50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	–

Myctophidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 38.0	1.7	–	–	–	–	–	–	–	–	–	–	–
40.0 45.0	2.9	–	–	–	–	–	–	–	–	–	–	–
40.0 120.0	2.0	–	–	–	–	–	–	–	–	–	–	–
43.0 45.0	2.8	–	–	–	–	–	–	–	–	–	–	–
47.0 50.0	3.3	–	–	–	–	–	–	–	–	–	–	–
47.0 60.0	2.7	–	–	–	–	–	–	–	–	–	–	–
47.0 70.0	3.3	–	–	–	–	–	–	–	–	–	–	–
53.0 90.0	–	9.2	–	–	–	–	–	–	–	–	–	–
57.0 51.0	–	6.4	–	–	–	–	–	–	–	–	–	–
57.0 90.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0 60.0	0.0	0.0	–	–	0.0	–	3.4	0.0	–	0.0	0.0	–
60.0 65.0	0.0	2.7	–	–	6.7	–	0.0	0.0	–	0.0	0.0	–
60.0 70.0	0.0	9.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0 90.0	0.0	0.0	–	–	12.9	–	0.0	0.0	–	0.0	0.0	–
60.0 100.0	–	6.5	–	–	–	–	–	–	–	–	–	–
63.0 55.0	0.0	0.0	–	–	3.0	–	0.0	0.0	–	0.0	0.0	–
63.0 90.0	0.0	0.0	–	–	0.0	–	6.9	0.0	–	6.6	0.0	–
67.0 55.0	0.0	1.8	–	–	0.0	–	3.6	0.0	–	0.0	0.0	–
70.0 51.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0 65.0	10.5	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0 80.0	0.0	0.0	–	–	0.0	–	3.8	0.0	–	0.0	0.0	–
70.0 90.0	0.0	0.0	–	–	2.9	–	0.0	0.0	–	0.0	0.0	–
70.0 100.0	–	1.7	–	–	0.0	–	–	0.0	–	–	0.0	–
70.0 110.0	–	0.0	–	–	3.8	–	–	0.0	–	–	–	–
73.0 53.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0 65.0	0.0	0.0	–	–	3.4	–	0.0	5.2	–	0.0	0.0	–
73.0 70.0	0.0	0.0	–	–	0.0	–	12.0	0.0	–	0.0	0.0	–
73.0 80.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
73.0 90.0	0.0	13.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0 100.0	–	3.3	–	–	–	–	–	–	–	–	–	–
77.0 51.0	0.0	3.8	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 55.0	0.0	3.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 60.0	0.0	4.7	–	–	4.0	–	0.0	0.0	–	0.0	0.0	–
77.0 65.0	18.4	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0 70.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
77.0 80.0	0.0	0.0	–	0.0	0.0	–	7.0	0.0	–	0.0	3.0	–
77.0 90.0	0.0	0.0	–	0.0	10.7	–	2.9	0.0	–	0.0	0.0	–
80.0 51.0	0.0	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0 52.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.0	–
80.0 55.0	0.0	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	65.0	9.9	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	80.0	0.0	0.0	-	2.8	3.4	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	3.2	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	0.0	0.0	-	75.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	6.5	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	6.2	-	20.5	0.0	-	0.0	0.0	-
83.0	90.0	0.0	0.0	-	3.4	6.9	-	15.3	0.0	-	0.0	0.0	-
85.0	60.0	-	-	-	10.5	-	-	-	-	-	-	-	-
87.0	35.0	0.0	0.0	-	34.1	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	0.0	3.4	-	0.0	6.5	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	0.0	0.0	-	0.0	7.4	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	0.0	10.3	-	-	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	70.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.1	0.0	-
87.0	80.0	0.0	0.0	-	7.0	0.0	-	0.0	-	0.0	0.0	22.1	-
87.0	90.0	3.5	3.3	-	0.0	0.0	-	3.3	-	6.9	0.0	0.0	-
90.0	28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0
90.0	32.0	0.0	0.0	-	0.0	13.9	-	0.0	-	0.0	0.0	-	0.0
90.0	37.0	3.4	0.0	-	0.0	13.5	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	0.0	-	-	7.1	-	-	-	0.0	-	-	0.0
90.0	45.0	0.0	0.0	0.0	0.0	5.6	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	0.0	0.0	-	0.0	0.0	-	6.6	-	0.0	0.0	-	0.0
90.0	60.0	0.0	3.3	3.5	0.0	6.6	-	3.5	-	0.0	0.0	-	0.0
90.0	70.0	0.0	6.6	-	3.2	6.4	-	3.1	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	3.3	-	0.0
90.0	90.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	6.4	-	0.0
90.0	100.0	6.3	-	-	16.7	-	-	0.0	-	-	0.0	-	-
90.0	120.0	0.0	-	-	-	-	-	3.0	-	-	0.0	-	-
90.0	140.0	0.0	-	-	6.4	-	-	0.0	-	-	0.0	-	-
93.0	28.0	0.0	3.0	-	3.1	0.0	-	9.6	-	0.0	0.0	-	0.0
93.0	30.0	0.0	3.5	-	10.0	2.8	-	0.0	-	0.0	0.0	-	3.3
93.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	6.4
93.0	40.0	0.0	6.4	-	0.0	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0	-	6.3
93.0	50.0	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	-	3.2	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	0.0	21.6	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	2.9	-	37.2	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	2.9	6.2	-	2.9	-	0.0	0.0	-	0.0
93.0	100.0	0.0	-	-	3.2	-	-	3.1	-	-	0.0	-	-
93.0	120.0	3.2	-	-	6.1	-	-	3.1	-	-	0.0	-	-
93.0	140.0	-	-	-	15.1	-	-	2.8	-	-	0.0	-	-
97.0	32.0	0.0	0.0	-	0.0	-	6.7	0.0	-	0.0	0.0	-	3.2
97.0	35.0	2.6	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	40.0	0.0	0.0	-	0.0	-	9.5	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	45.0	6.3	0.0	-	12.9	-	3.0	7.6	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	15.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	3.1	-	0.0	13.6	-	3.0	0.0	-	0.0
97.0	80.0	0.0	-	-	9.8	-	15.4	3.4	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	5.9	-	0.0	6.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	3.1	-	5.9	-	31.0	0.0	-	3.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	-	15.4	0.0	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
100.0	50.0	0.0	3.3	-	3.3	-	65.4	0.0	-	6.6	0.0	-	0.0
100.0	55.0	0.0	0.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	70.0	2.7	0.0	-	3.3	-	9.7	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	27.7	-	3.1	0.0	-	3.5	0.0	-	0.0
100.0	90.0	0.0	7.3	-	0.0	-	6.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	4.9	0.0	-	0.0	0.0	-	0.0
103.0	35.0	0.0	10.0	-	0.0	-	13.8	3.6	-	0.0	0.0	-	0.0
103.0	45.0	2.8	7.1	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	50.0	0.0	10.5	-	6.7	-	10.5	0.0	-	3.6	0.0	-	0.0
103.0	55.0	0.0	0.0	-	2.7	-	0.0	0.0	-	56.8	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	9.1	0.0	-	3.3	3.4	-	0.0
103.0	70.0	0.0	3.3	-	3.1	-	13.2	3.6	-	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	9.2	-	0.0	13.0	-	5.5	0.0	-	0.0
107.0	32.0	0.0	11.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	7.0
107.0	40.0	6.6	7.4	-	0.0	-	3.9	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	9.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	50.0	0.0	4.2	-	0.0	-	16.6	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	3.6	-	3.0	-	16.1	3.5	-	0.0	0.0	-	0.0
107.0	60.0	3.3	0.0	-	0.0	-	9.9	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	3.7	-	12.8	-	0.0	0.0	-	3.4	0.0	-	0.0
107.0	80.0	0.0	3.6	-	0.0	-	8.9	23.4	-	0.0	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
110.0	35.0	0.0	6.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	6.2	0.0	-	19.7	-	3.2	8.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	0.0	-	6.4	8.1	-	0.0	0.0	-	0.0
110.0	60.0	5.9	3.3	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	21.6	0.0	-	0.0	0.0	-	0.0
113.0	30.0	0.0	5.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	3.4	-	26.3	0.0	-	6.0	0.0	-	0.0
113.0	40.0	0.0	11.5	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	7.2	-	3.1	-	0.0	0.0	-	9.7	0.0	-	0.0
113.0	60.0	0.0	7.5	-	0.0	-	8.6	0.0	-	0.0	0.0	-	0.0
113.0	70.0	0.0	7.0	-	0.0	-	0.0	0.0	-	19.3	0.0	-	0.0

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
117.0	25.0	0.0	0.0	–	0.3	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	40.0	0.0	3.8	–	0.0	–	4.2	0.0	–	0.0	0.0	–	0.0
117.0	45.0	0.0	0.0	–	6.7	–	0.0	0.0	–	0.0	–	0.0	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	6.8	–	0.0	–	0.0	0.0
117.0	60.0	2.9	3.5	–	0.0	–	0.0	0.0	–	0.0	–	0.0	3.0
117.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	5.7
117.0	80.0	–	0.0	–	24.3	–	4.0	0.0	–	0.0	–	0.0	0.0
120.0	45.0	0.0	–	7.2	9.3	–	3.3	0.0	–	2.9	–	0.0	0.0
120.0	50.0	3.3	–	0.0	0.0	–	3.1	31.3	–	0.0	–	0.0	0.0
120.0	55.0	–	–	11.5	–	–	0.0	–	–	17.3	–	–	0.0
120.0	60.0	0.0	–	3.6	0.0	–	0.0	9.5	–	19.5	–	0.0	0.0
120.0	80.0	–	–	0.0	8.9	–	0.0	44.1	–	0.0	–	0.0	0.0
120.0	90.0	–	–	2.6	–	–	0.0	–	–	3.1	–	–	0.0
123.0	36.0	–	–	5.8	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	5.7	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	45.0	–	–	0.0	2.8	–	0.0	3.3	–	3.4	–	0.0	0.0
123.0	50.0	–	–	7.0	11.4	–	18.4	6.8	–	22.8	–	0.0	0.0
123.0	60.0	–	–	0.0	8.3	–	0.0	13.4	–	21.9	–	0.0	0.0
127.0	40.0	–	–	0.0	2.8	–	0.0	0.0	–	–	7.2	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	74.5	–	–	36.0	0.0	0.0
127.0	50.0	–	–	0.0	6.8	–	0.0	0.0	–	–	9.1	0.0	0.0
127.0	60.0	–	–	3.5	19.0	–	3.1	3.1	–	–	11.1	0.0	0.0
130.0	30.0	–	–	3.2	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	35.0	–	–	25.8	8.9	–	0.0	0.0	–	–	6.4	3.0	0.0
130.0	40.0	–	–	10.3	0.0	–	0.0	0.0	–	–	0.0	3.2	6.1
130.0	45.0	–	–	3.4	0.0	–	0.0	0.0	–	–	3.3	6.0	–
130.0	50.0	–	–	3.6	0.0	–	0.0	0.0	–	–	0.0	0.0	–
130.0	60.0	–	–	0.0	0.0	–	0.0	3.5	–	–	0.0	3.0	–
133.0	30.0	–	–	0.0	5.5	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	35.0	–	–	18.9	0.0	–	0.0	3.2	–	–	0.0	0.0	0.0
133.0	40.0	–	–	23.8	0.0	–	0.0	0.0	–	–	35.1	0.0	5.9
133.0	50.0	–	–	6.8	5.4	–	0.0	0.0	–	–	16.1	2.7	–
133.0	60.0	–	–	25.1	13.0	–	0.0	0.0	–	–	0.0	0.0	–
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	5.6	0.0
137.0	35.0	–	–	10.0	0.0	–	0.0	13.7	–	–	0.0	0.0	3.0
137.0	40.0	–	–	17.0	3.0	–	3.2	0.0	–	–	0.0	0.0	–
137.0	50.0	–	–	23.6	0.0	–	0.0	0.0	–	–	35.3	0.0	–
137.0	60.0	–	–	13.2	14.6	–	0.0	9.6	–	–	0.0	0.0	–

Ceratoscopelus townsendi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	0.0	–	–	3.2	–	2.8	0.0	–	0.0	0.0	–
63.0	55.0	0.0	0.0	–	–	3.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	65.0	0.0	0.0	-	-	0.0	-	4.5	0.0	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	0.0	-	13.8	0.0	-	0.0	0.0	-
70.0	90.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0	110.0	-	0.0	-	-	0.0	-	-	3.7	-	-	-	-
73.0	60.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	20.9	-	6.9	3.0	-	0.0	0.0	-
73.0	100.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0	80.0	0.0	0.0	-	0.0	0.0	-	3.5	0.0	-	3.8	9.0	-
77.0	90.0	0.0	0.0	-	0.0	50.0	-	0.0	0.0	-	0.0	3.1	-
80.0	70.0	0.0	-	-	0.0	0.0	-	3.2	0.0	-	-	0.0	-
80.0	80.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	0.0	0.0	-	0.0	0.0	-	9.4	0.0	-	14.9	3.0	-
83.0	80.0	0.0	0.0	-	0.0	6.2	-	0.0	0.0	-	0.0	0.0	-
83.0	90.0	0.0	0.0	-	0.0	0.0	-	24.5	0.0	-	0.0	0.0	-
87.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0
87.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	13.4	0.0	-
87.0	90.0	0.0	0.0	-	0.0	0.0	-	6.5	-	34.6	9.9	2.9	-
90.0	70.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7
90.0	80.0	0.0	0.0	-	0.0	0.0	-	6.0	-	15.3	3.3	-	0.0
90.0	90.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	25.4	-	23.0
90.0	100.0	0.0	-	-	0.0	-	-	0.0	-	-	40.0	-	-
90.0	120.0	0.0	-	-	-	-	-	12.0	-	-	0.0	-	-
90.0	140.0	22.9	-	-	16.1	-	-	27.1	-	-	26.0	-	-
93.0	80.0	0.0	0.0	-	0.0	3.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	3.2	0.0	-	0.0	6.2	-	5.7	-	0.0	0.0	-	3.2
93.0	100.0	3.4	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	120.0	0.0	-	-	0.0	-	-	39.9	-	-	3.2	-	-
93.0	140.0	-	-	-	57.2	-	-	42.0	-	-	9.5	-	-
97.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	12.4	-	0.0
97.0	90.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1
100.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.8	0.0	-	0.0
100.0	60.0	0.0	12.8	-	0.0	-	0.0	0.0	-	7.3	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	14.7	6.7	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	15.7	0.0	-	3.5	13.4	-	0.0
100.0	90.0	0.0	0.0	-	0.0	-	3.0	4.5	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.9	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	5.7	-	0.0
103.0	45.0	2.8	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
103.0	50.0	3.0	0.0	-	0.0	-	0.0	0.0	-	14.3	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	10.0	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	3.6	-	9.8	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	6.6	0.0	-	6.5	0.0	-	0.0
103.0	80.0	0.0	0.0	-	3.1	-	0.0	0.0	-	8.3	2.9	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	35.0	0.0	6.8	–	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0
107.0	40.0	0.0	3.7	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	45.0	0.0	0.0	–	6.1	–	0.0	0.0	–	6.5	0.0	–	0.0
107.0	50.0	6.9	0.0	–	0.0	–	8.3	0.0	–	0.0	0.0	–	0.0
107.0	55.0	0.0	0.0	–	0.0	–	12.9	6.9	–	11.4	0.0	–	0.0
107.0	60.0	0.0	0.0	–	3.1	–	0.0	0.0	–	19.7	0.0	–	0.0
107.0	70.0	0.0	7.3	–	0.0	–	3.1	6.1	–	44.2	0.0	–	0.0
107.0	80.0	0.0	0.0	–	0.0	–	5.9	180.4	–	5.4	13.7	–	0.0
110.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.4	0.0	–	0.0
110.0	45.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	3.4	–	0.0	–	3.0	8.8	–	0.0	0.0	–	0.0
110.0	70.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	3.0	3.3	–	21.0	0.0	–	0.0
113.0	45.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	70.0	0.0	3.5	–	0.0	–	0.0	0.0	–	48.2	0.0	–	3.1
113.0	80.0	0.0	0.0	–	0.0	–	3.1	6.8	–	30.6	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	4.2	0.0	–	0.0	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0
117.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	3.0
117.0	80.0	–	0.0	–	12.2	–	8.0	0.0	–	0.0	–	0.0	5.9
120.0	50.0	0.0	–	0.0	0.0	–	0.0	3.5	–	2.9	–	0.0	0.0
120.0	55.0	–	–	0.0	–	–	0.0	–	–	3.5	–	–	0.0
120.0	60.0	0.0	–	0.0	3.2	–	0.0	9.5	–	0.0	–	0.0	0.0
120.0	70.0	0.0	–	0.0	0.0	–	0.0	3.5	–	3.1	–	3.9	0.0
120.0	80.0	–	–	0.0	0.0	–	3.6	0.0	–	0.0	–	3.3	0.0
120.0	90.0	–	–	5.3	–	–	6.3	–	–	0.0	–	–	0.0
123.0	45.0	–	–	0.0	0.0	–	3.2	23.4	–	0.0	–	0.0	0.0
123.0	50.0	–	–	0.0	0.0	–	0.0	10.1	–	0.0	–	0.0	0.0
123.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	18.8	–	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	6.5	–	–	0.0	0.0	0.0
127.0	60.0	–	–	0.0	0.0	–	6.3	3.1	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	33.3	0.0	–
130.0	50.0	–	–	0.0	0.0	–	3.2	0.0	–	–	16.6	0.0	–
133.0	40.0	–	–	0.0	0.0	–	0.0	3.6	–	–	0.0	0.0	0.0
133.0	50.0	–	–	0.0	0.0	–	0.0	6.5	–	–	0.0	0.0	–
133.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	9.9	0.0	–
137.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	–

Diaphus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	0.0	–	–	0.0	–	0.0	9.8	–	0.0	0.0	–
60.0	65.0	0.0	0.0	–	–	0.0	–	10.3	6.4	–	0.0	0.0	–
60.0	70.0	0.0	0.0	–	–	0.0	–	14.8	0.0	–	0.0	0.0	–
60.0	80.0	0.0	0.0	–	–	0.0	–	24.4	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	0.0	-	-	206.1	-	30.9	3.2	-	0.0	0.0	-
63.0	52.0	0.0	0.0	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	0.0	-	-	3.0	-	18.0	3.4	-	0.0	0.0	-
63.0	60.0	0.0	0.0	-	-	0.0	-	9.2	6.6	-	0.0	0.0	-
63.0	65.0	0.0	0.0	-	-	0.0	-	4.5	3.5	-	0.0	0.0	-
63.0	70.0	0.0	0.0	-	-	0.0	-	4.0	0.0	-	0.0	0.0	-
63.0	80.0	0.0	0.0	-	-	-	-	-	20.5	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	214.5	-	0.0	6.6	-	0.0	0.0	-
67.0	55.0	0.0	0.0	-	-	0.0	-	17.9	0.0	-	0.0	0.0	-
67.0	60.0	0.0	0.0	-	-	3.4	-	0.0	-	-	0.0	0.0	-
67.0	65.0	0.0	0.0	-	-	0.0	-	24.4	17.1	-	0.0	0.0	-
67.0	70.0	0.0	0.0	-	-	16.8	-	10.7	8.0	-	0.0	0.0	-
67.0	80.0	0.0	0.0	-	-	-	-	3.8	13.4	-	0.0	0.0	-
67.0	90.0	0.0	0.0	-	-	32.2	-	19.7	0.0	-	0.0	0.0	-
70.0	53.0	0.0	0.0	-	-	8.8	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0	70.0	0.0	0.0	-	-	0.0	-	0.0	12.0	-	0.0	0.0	-
70.0	75.0	-	0.0	-	-	0.0	-	-	3.1	-	-	0.0	-
70.0	80.0	0.0	0.0	-	-	7.0	-	71.8	6.6	-	0.0	0.0	-
70.0	90.0	0.0	0.0	-	-	0.0	-	6.2	6.4	-	0.0	0.0	-
70.0	100.0	-	0.0	-	-	16.8	-	-	3.2	-	-	0.0	-
70.0	110.0	-	0.0	-	-	3.8	-	-	0.0	-	-	-	-
73.0	53.0	0.0	0.0	-	-	0.0	-	11.8	3.4	-	0.0	0.0	-
73.0	60.0	0.0	0.0	-	-	6.0	-	0.0	19.6	-	0.0	0.0	-
73.0	65.0	0.0	0.0	-	-	0.0	-	111.4	52.0	-	0.0	0.0	-
73.0	70.0	0.0	0.0	-	-	0.0	-	56.0	3.7	-	0.0	0.0	-
73.0	80.0	0.0	0.0	-	-	0.0	-	31.8	0.0	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	7.0	-	0.0	17.7	-	0.0	0.0	-
77.0	55.0	0.0	0.0	-	-	0.0	-	6.6	0.0	-	0.0	0.0	-
77.0	60.0	0.0	0.0	-	-	0.0	-	4.1	0.0	-	0.0	0.0	-
77.0	65.0	0.0	0.0	-	-	0.0	-	33.7	7.0	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	0.0	-	32.2	25.1	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	0.0	0.0	-	10.5	3.6	-	0.0	0.0	-
77.0	90.0	0.0	0.0	-	0.0	3.6	-	20.5	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0	0.0	-
80.0	65.0	0.0	0.0	-	0.0	11.7	-	9.7	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	0.0	0.0	-	6.3	6.1	-	-	0.0	-
80.0	80.0	0.0	0.0	-	0.0	0.0	-	9.3	5.7	-	0.0	0.0	-
80.0	90.0	0.0	0.0	-	0.0	0.0	-	21.9	23.9	-	3.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0	0.0	-
83.0	90.0	0.0	0.0	-	0.0	0.0	-	24.5	76.3	-	0.0	0.0	-
87.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	5.6	0.0	-	0.0
87.0	60.0	0.0	0.0	-	-	0.0	-	6.7	-	0.0	0.0	0.0	-
87.0	70.0	0.0	0.0	-	0.0	0.0	-	14.3	-	9.6	0.0	0.0	-
87.0	80.0	0.0	0.0	-	3.5	3.3	-	0.0	-	0.0	0.0	0.0	-
87.0	90.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 53.0	0.0	0.0	-	0.0	0.0	-	3.3	-	2.9	0.0	-	0.0
90.0 60.0	0.0	0.0	0.0	0.0	0.0	-	6.9	-	0.0	3.3	-	0.0
90.0 80.0	0.0	0.0	-	0.0	0.0	-	6.0	-	0.0	0.0	-	0.0
90.0 90.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	3.2	-	2.9
90.0 100.0	0.0	-	-	0.0	-	-	3.0	-	-	3.3	-	-
90.0 140.0	0.0	-	-	9.6	-	-	0.0	-	-	0.0	-	-
93.0 45.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.4	0.0	-	0.0
93.0 50.0	0.0	0.0	-	0.0	0.0	-	0.0	-	11.0	0.0	-	0.0
93.0 55.0	0.0	0.0	-	0.0	0.0	-	3.0	-	-	0.0	-	0.0
93.0 70.0	0.0	0.0	-	0.0	0.0	-	6.1	-	0.0	0.0	-	0.0
93.0 80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0
97.0 35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
97.0 45.0	0.0	0.0	-	0.0	-	0.0	3.8	-	0.0	0.0	-	0.0
97.0 50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
97.0 70.0	0.0	-	-	0.0	-	0.0	4.5	-	0.0	0.0	-	0.0
97.0 80.0	0.0	-	-	0.0	-	15.4	6.7	-	0.0	0.0	-	0.0
100.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
100.0 80.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
107.0 60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
110.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
120.0 55.0	-	-	2.9	-	-	0.0	-	-	0.0	-	-	0.0

Lampadena urophaos

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 140.0	-	-	-	0.0	-	-	2.8	-	-	0.0	-	-
97.0 90.0	0.0	-	-	0.0	-	0.0	3.0	-	0.0	0.0	-	0.0
100.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.3	6.7	-	0.0
103.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	13.0	0.0	-	0.0
107.0 50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
107.0 60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
110.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	12.0	3.2	-	0.0
113.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
113.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.1	0.0	-	0.0
117.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	8.9	0.0
117.0 80.0	-	0.0	-	0.0	-	0.0	0.0	-	3.1	-	6.2	0.0
120.0 60.0	0.0	-	0.0	0.0	-	0.0	3.2	-	6.5	-	0.0	0.0
120.0 70.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.9	0.0
120.0 80.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	3.3	0.0
120.0 90.0	-	-	0.0	-	-	6.3	-	-	0.0	-	-	0.0
123.0 60.0	-	-	0.0	0.0	-	0.0	0.0	-	34.4	-	0.0	0.0
130.0 50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.3	0.0	-
137.0 60.0	-	-	0.0	0.0	-	0.0	3.2	-	-	0.0	0.0	-

TABLE 4. (cont.)

Lampanyctus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0 45.0	2.8	-	-	-	-	-	-	-	-	-	-	-
43.0 60.0	3.1	-	-	-	-	-	-	-	-	-	-	-
47.0 55.0	3.6	-	-	-	-	-	-	-	-	-	-	-
47.0 80.0	9.7	-	-	-	-	-	-	-	-	-	-	-
47.0 90.0	7.0	-	-	-	-	-	-	-	-	-	-	-
47.0 100.0	3.1	-	-	-	-	-	-	-	-	-	-	-
50.0 55.0	-	6.2	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	4.5	-	-	-	-	-	-	-	-	-	-
50.0 70.0	-	3.2	-	-	-	-	-	-	-	-	-	-
50.0 120.0	3.5	-	-	-	-	-	-	-	-	-	-	-
53.0 52.0	-	2.9	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0 100.0	-	12.9	-	-	-	-	-	-	-	-	-	-
57.0 90.0	-	2.9	-	-	-	-	-	-	-	-	-	-
57.0 100.0	-	3.1	-	-	-	-	-	-	-	-	-	-
60.0 50.0	2.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0 52.0	2.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 60.0	0.0	0.0	-	-	0.0	-	3.4	3.3	-	0.0	0.0	-
60.0 65.0	0.0	2.7	-	-	3.4	-	3.4	0.0	-	0.0	0.0	-
60.0 70.0	0.0	0.0	-	-	0.0	-	9.9	2.8	-	0.0	0.0	-
60.0 80.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	3.3	-
60.0 90.0	0.0	0.0	-	-	3.2	-	2.8	3.2	-	0.0	0.0	-
60.0 120.0	-	3.0	-	-	-	-	-	-	-	-	-	-
63.0 52.0	3.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 55.0	9.5	4.5	-	-	0.0	-	10.8	0.0	-	0.0	0.0	-
63.0 60.0	0.0	0.0	-	-	0.0	-	4.6	0.0	-	0.0	0.0	-
63.0 65.0	15.0	12.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0 70.0	0.0	0.0	-	-	0.0	-	0.0	3.4	-	0.0	0.0	-
63.0 90.0	0.0	0.0	-	-	0.0	-	6.9	6.6	-	0.0	0.0	-
63.0 100.0	-	6.3	-	-	-	-	-	-	-	-	-	-
63.0 120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0 55.0	0.0	0.0	-	-	0.0	-	7.2	0.0	-	3.4	0.0	-
67.0 60.0	0.0	1.6	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0 65.0	3.0	1.7	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
67.0 70.0	0.0	8.1	-	-	3.4	-	10.7	0.0	-	0.0	0.0	-
67.0 80.0	0.0	0.0	-	-	-	-	0.0	6.7	-	0.0	0.0	-
67.0 90.0	3.3	25.4	-	-	3.2	-	3.9	0.0	-	0.0	0.0	-
67.0 100.0	-	8.7	-	-	-	-	-	-	-	-	-	-
67.0 120.0	-	10.3	-	-	-	-	-	-	-	-	-	-
70.0 51.0	3.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 53.0	9.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 60.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 65.0	0.0	2.6	-	-	0.0	-	10.0	0.0	-	0.0	0.0	-
70.0 70.0	0.0	3.2	-	-	0.0	-	0.0	12.0	-	0.0	0.0	-
70.0 75.0	-	0.0	-	-	6.8	-	-	0.0	-	-	0.0	-
70.0 80.0	5.2	0.0	-	-	7.0	-	15.1	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	21.5	1.6	-	-	2.9	-	3.1	3.2	-	0.0	0.0	-
70.0	100.0	-	13.8	-	-	10.1	-	-	0.0	-	-	0.0	-
70.0	110.0	-	3.1	-	-	22.7	-	-	3.7	-	-	-	-
73.0	50.0	13.0	2.8	-	-	0.0	-	5.8	0.0	-	0.0	0.0	-
73.0	53.0	0.0	4.2	-	-	0.0	-	3.9	0.0	-	0.0	0.0	-
73.0	60.0	6.3	2.7	-	-	3.5	-	0.0	11.2	-	0.0	0.0	-
73.0	65.0	3.0	4.8	-	-	0.0	-	17.4	2.6	-	0.0	0.0	-
73.0	70.0	7.5	0.0	-	-	0.0	-	8.0	3.7	-	0.0	0.0	-
73.0	80.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	90.0	3.5	24.8	-	-	20.9	-	6.9	3.0	-	0.0	0.0	-
77.0	55.0	0.0	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	6.7	1.8	-	-	8.0	-	4.1	0.0	-	0.0	0.0	-
77.0	65.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	6.8	0.0	-	0.0	7.5	-	10.5	0.0	-	0.0	0.0	-
77.0	90.0	3.0	0.0	-	20.2	3.6	-	11.7	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0	0.0	-
80.0	55.0	3.4	0.0	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	9.9	0.0	-	0.0	55.2	-	0.0	0.0	-	6.6	0.0	-
80.0	65.0	16.5	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	68.0	-	5.9	-	-	-	-	-	-	-	-	-	-
80.0	70.0	0.0	-	-	0.0	3.7	-	3.2	0.0	-	-	5.9	-
80.0	80.0	3.0	7.8	-	8.5	10.3	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	13.0	9.0	-	0.0	0.0	-	15.7	0.0	-	12.0	0.0	-
83.0	43.0	9.7	0.0	-	0.0	0.0	-	3.6	0.0	-	0.0	0.0	-
83.0	51.0	3.0	0.0	-	0.0	2.8	-	3.4	0.0	-	0.0	0.0	-
83.0	55.0	9.8	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	3.1	7.0	-	10.2	0.0	-	7.3	8.2	-	0.0	0.0	-
83.0	70.0	9.6	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	10.1	21.7	-	3.4	0.0	-	3.3	0.0	-
83.0	90.0	6.4	0.0	-	6.8	3.4	-	0.0	18.3	-	0.0	0.0	-
85.0	60.0	-	-	-	10.5	-	-	-	-	-	-	-	-
87.0	35.0	0.0	0.0	-	3.4	0.0	-	3.7	-	2.7	0.0	-	0.0
87.0	40.0	6.5	0.0	-	7.1	3.2	-	3.5	-	0.0	0.0	-	0.0
87.0	50.0	0.0	2.9	-	0.0	0.0	-	0.0	-	1.9	0.0	-	2.5
87.0	55.0	0.0	6.8	-	0.0	3.6	-	0.0	-	2.8	0.0	-	0.0
87.0	60.0	0.0	0.0	-	-	0.0	-	23.3	-	0.0	0.0	0.0	-
87.0	70.0	3.3	6.3	-	8.9	0.0	-	0.0	-	0.0	6.2	0.0	-
87.0	80.0	0.0	18.5	-	0.0	0.0	-	0.0	-	2.9	3.4	3.2	-
87.0	90.0	0.0	0.0	-	0.0	19.5	-	0.0	-	0.0	3.3	0.0	-
90.0	32.0	3.3	6.3	-	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0
90.0	37.0	3.4	6.5	-	0.0	10.1	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	0.0	-	-	7.1	-	-	-	0.0	-	-	0.0
90.0	53.0	3.3	6.4	-	17.2	0.0	-	6.6	-	2.9	0.0	-	5.3
90.0	60.0	0.0	0.0	0.0	0.0	0.0	-	10.4	-	2.9	0.0	-	0.0
90.0	70.0	0.0	0.0	-	6.4	9.5	-	3.1	-	0.0	0.0	-	2.7
90.0	80.0	6.5	0.0	-	0.0	0.0	-	66.0	-	18.4	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 90.0	31.8	3.2	-	9.4	3.1	-	3.0	-	2.9	0.0	-	0.0
90.0 100.0	3.2	-	-	0.0	-	-	9.1	-	-	0.0	-	-
90.0 120.0	6.5	-	-	-	-	-	0.0	-	-	0.0	-	-
90.0 140.0	3.3	-	-	28.9	-	-	3.0	-	-	6.5	-	-
93.0 27.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0
93.0 28.0	0.0	0.0	-	3.1	3.1	-	3.2	-	0.0	0.0	-	6.4
93.0 30.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	0.0	-	6.6
93.0 35.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 40.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	3.1	-	6.4
93.0 45.0	0.0	0.0	-	0.0	5.7	-	0.0	-	0.0	6.3	-	0.0
93.0 50.0	23.7	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0
93.0 55.0	0.0	3.2	-	0.0	6.4	-	3.0	-	-	0.0	-	0.0
93.0 60.0	0.0	15.1	-	0.0	10.8	-	0.0	-	2.8	3.2	-	0.0
93.0 70.0	13.1	0.0	-	27.0	0.0	-	12.3	-	0.0	3.6	-	0.0
93.0 80.0	0.0	0.0	-	6.4	5.9	-	18.4	-	0.0	3.4	-	0.0
93.0 90.0	15.9	3.3	-	11.6	3.1	-	8.6	-	5.5	0.0	-	0.0
93.0 100.0	3.4	-	-	6.4	-	-	9.3	-	-	0.0	-	-
93.0 120.0	0.0	-	-	18.4	-	-	6.1	-	-	0.0	-	-
93.0 140.0	-	-	-	24.1	-	-	5.6	-	-	3.2	-	-
97.0 32.0	5.6	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 35.0	2.6	0.0	-	25.2	-	10.2	0.0	-	8.9	0.0	-	0.0
97.0 40.0	12.0	6.4	-	0.0	-	15.9	15.1	-	0.0	0.0	-	3.0
97.0 45.0	3.2	0.0	-	0.0	-	18.1	0.0	-	0.0	0.0	-	3.2
97.0 50.0	0.0	3.1	-	7.5	-	4.0	4.9	-	0.0	0.0	-	0.0
97.0 55.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 60.0	3.0	0.0	-	6.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0 70.0	9.4	-	-	6.2	-	0.0	9.1	-	9.0	0.0	-	0.0
97.0 80.0	5.8	-	-	22.9	-	6.2	16.8	-	0.0	0.0	-	0.0
97.0 90.0	2.9	-	-	8.9	-	9.1	0.0	-	8.9	0.0	-	0.0
100.0 29.0	14.9	0.0	-	2.7	-	6.0	0.0	-	0.0	0.0	-	0.0
100.0 30.0	6.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0 35.0	3.1	6.3	-	0.0	-	10.3	9.2	-	3.0	0.0	-	0.0
100.0 40.0	31.0	9.7	-	0.0	-	0.0	6.8	-	0.0	0.0	-	0.0
100.0 45.0	13.2	0.0	-	2.9	-	8.0	0.0	-	13.7	0.0	-	0.0
100.0 50.0	0.0	13.4	-	0.0	-	17.4	0.0	-	0.0	0.0	-	0.0
100.0 55.0	0.0	6.7	-	8.6	-	28.6	7.4	-	3.4	0.0	-	0.0
100.0 60.0	3.5	3.2	-	3.2	-	0.0	4.0	-	3.7	2.7	-	3.1
100.0 70.0	8.2	0.0	-	30.0	-	3.2	0.0	-	3.7	0.0	-	3.0
100.0 80.0	5.9	14.0	-	6.2	-	21.9	4.3	-	3.5	10.0	-	6.0
100.0 90.0	0.0	0.0	-	15.4	-	0.0	13.5	-	0.0	0.0	-	0.0
103.0 29.0	0.0	3.3	-	0.0	-	0.0	2.1	-	0.0	0.0	-	0.0
103.0 30.0	0.0	6.6	-	0.0	-	2.4	2.9	-	1.9	0.0	-	0.0
103.0 35.0	3.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0 40.0	0.0	3.5	-	2.8	-	3.5	0.0	-	0.0	5.7	-	0.0
103.0 45.0	5.6	7.1	-	18.7	-	3.5	0.0	-	0.0	0.0	-	3.0
103.0 50.0	8.9	24.4	-	0.0	-	0.0	8.6	-	7.2	2.9	-	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	55.0	7.4	0.0	-	8.0	-	0.0	7.1	-	6.7	0.0	-	0.0
103.0	60.0	0.0	0.0	-	3.6	-	3.0	3.6	-	3.3	3.4	-	3.3
103.0	70.0	3.0	0.0	-	30.7	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	80.0	3.3	6.6	-	9.2	-	3.2	29.3	-	8.3	0.0	-	8.9
107.0	31.0	0.0	0.0	-	0.0	-	2.9	0.0	-	-	1.4	-	0.0
107.0	32.0	3.2	0.0	-	0.0	-	0.0	0.0	-	5.3	0.0	-	0.0
107.0	35.0	12.6	0.0	-	3.2	-	0.0	3.7	-	0.0	0.0	-	0.0
107.0	40.0	0.0	7.4	-	6.1	-	3.9	4.5	-	19.0	3.3	-	0.0
107.0	45.0	19.8	0.0	-	42.7	-	6.3	0.0	-	0.0	0.0	-	3.3
107.0	50.0	27.5	4.2	-	26.0	-	0.0	6.5	-	3.2	0.0	-	0.0
107.0	55.0	6.4	0.0	-	9.1	-	12.9	3.5	-	2.9	0.0	-	0.0
107.0	60.0	3.3	0.0	-	21.7	-	0.0	3.0	-	8.4	0.0	-	0.0
107.0	70.0	0.0	3.7	-	9.6	-	9.3	0.0	-	3.4	2.8	-	6.1
107.0	80.0	0.0	3.6	-	8.6	-	0.0	13.4	-	5.4	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	2.4	2.2	-	0.0	0.0	-	0.0
110.0	35.0	3.4	0.0	-	0.0	-	3.1	3.4	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	9.8	-	6.4	15.9	-	0.0	0.0	-	9.4
110.0	45.0	3.0	0.0	-	0.0	-	0.0	8.1	-	0.0	0.0	-	0.0
110.0	50.0	6.1	0.0	-	0.0	-	0.0	8.8	-	0.0	0.0	-	0.0
110.0	60.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	2.9	0.0	-	8.1	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	6.6	0.0	-	6.0	-	3.0	0.0	-	6.0	3.2	-	0.0
113.0	35.0	0.0	3.4	-	3.4	-	0.0	0.0	-	3.0	0.0	-	0.0
113.0	40.0	0.0	7.7	-	6.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	2.8	3.6	-	27.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	3.2	0.0	-	9.4	-	0.0	0.0	-	3.2	0.0	-	0.0
113.0	60.0	0.0	0.0	-	6.0	-	5.8	3.2	-	3.3	0.0	-	3.1
113.0	70.0	0.0	3.5	-	12.5	-	0.0	0.0	-	12.8	0.0	-	3.1
113.0	80.0	3.2	0.0	-	2.8	-	3.1	6.8	-	9.2	0.0	-	3.0
117.0	35.0	0.0	0.0	-	10.9	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	7.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	3.6	-	6.7	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	50.0	3.1	0.0	-	31.0	-	0.0	0.0	-	3.2	-	0.0	0.0
117.0	60.0	0.0	3.5	-	3.2	-	0.0	0.0	-	0.0	-	0.0	5.9
117.0	70.0	0.0	0.0	-	0.0	-	0.0	6.6	-	0.0	-	0.0	2.8
117.0	80.0	-	3.7	-	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	0.0	5.3	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	6.3	-	1.7	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
120.0	55.0	-	-	5.8	-	-	3.2	-	-	3.5	-	-	0.0
120.0	60.0	15.3	-	7.1	15.9	-	0.0	6.4	-	0.0	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	0.0	3.5	-	3.1	-	3.9	0.0
120.0	80.0	-	-	2.8	0.0	-	14.3	3.4	-	0.0	-	0.0	0.0
120.0	90.0	-	-	5.3	-	-	3.2	-	-	0.0	-	-	0.0
123.0	42.0	-	-	3.7	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	45.0	–	–	0.0	0.0	–	0.0	33.5	–	0.0	–	0.0	0.0
123.0	50.0	–	–	0.0	0.0	–	0.0	3.4	–	3.3	–	0.0	0.0
123.0	60.0	–	–	3.5	0.0	–	0.0	3.3	–	3.1	–	0.0	0.0
127.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	10.9	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	13.0	–	–	0.0	2.9	0.0
127.0	50.0	–	–	0.0	0.0	–	2.9	0.0	–	–	0.0	0.0	0.0
127.0	60.0	–	–	0.0	3.2	–	12.5	6.3	–	–	0.0	0.0	0.0
130.0	35.0	–	–	0.0	0.0	–	2.7	0.0	–	–	0.0	9.0	0.0
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	50.0	0.0	–
130.0	50.0	–	–	10.8	0.0	–	0.0	0.0	–	–	10.0	0.0	–
130.0	60.0	–	–	3.5	0.0	–	6.4	3.5	–	–	0.0	14.9	–
133.0	35.0	–	–	3.8	0.0	–	2.9	0.0	–	–	0.0	0.0	2.9
133.0	40.0	–	–	0.0	0.0	–	0.0	3.6	–	–	0.0	0.0	0.0
133.0	50.0	–	–	0.0	0.0	–	0.0	9.8	–	–	6.5	5.3	–
133.0	60.0	–	–	0.0	0.0	–	0.0	3.2	–	–	16.5	0.0	–
137.0	23.0	–	–	0.0	5.6	–	0.0	0.0	–	–	0.0	0.0	0.0
137.0	35.0	–	–	3.3	0.0	–	0.0	23.9	–	–	0.0	0.0	0.0
137.0	40.0	–	–	0.0	3.0	–	6.4	3.2	–	–	0.0	3.1	–
137.0	50.0	–	–	3.4	0.0	–	0.0	3.1	–	–	3.2	6.9	–
137.0	60.0	–	–	13.2	0.0	–	0.0	9.6	–	–	16.1	0.0	–

Lampanyctus regalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	0.0	–	–	0.0	–	3.4	0.0	–	0.0	0.0	–
67.0	55.0	0.0	0.0	–	–	0.0	–	3.6	0.0	–	0.0	0.0	–
67.0	80.0	0.0	0.0	–	–	–	–	0.0	6.7	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	0.0	–	20.9	2.6	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	0.0	–	12.0	0.0	–	0.0	0.0	–
77.0	60.0	0.0	0.0	–	–	0.0	–	4.1	0.0	–	0.0	0.0	–
77.0	65.0	0.0	0.0	–	–	0.0	–	40.4	3.5	–	0.0	0.0	–
77.0	70.0	0.0	0.0	–	–	0.0	–	6.4	3.6	–	0.0	0.0	–
80.0	80.0	0.0	0.0	–	2.8	0.0	–	3.1	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	4.0	–	0.0	0.0	–
87.0	40.0	0.0	0.0	–	0.0	0.0	–	3.5	–	0.0	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	6.7	–	0.0	0.0	0.0	–
97.0	45.0	0.0	0.0	–	0.0	–	6.0	0.0	–	0.0	0.0	–	0.0
100.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0
110.0	45.0	0.0	0.0	–	0.0	–	0.0	4.1	–	0.0	0.0	–	0.0

Lampanyctus ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	90.0	–	18.4	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	14.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	90.0	0.0	0.0	-	-	22.5	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.6	-
63.0	80.0	6.4	0.0	-	-	-	-	-	0.0	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	29.7	-	0.0	0.0	-	6.6	0.0	-
67.0	55.0	0.0	0.0	-	-	0.0	-	7.2	0.0	-	0.0	0.0	-
67.0	60.0	9.8	0.0	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0	65.0	0.0	3.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	9.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	0.0	0.0	-	-	0.0	-	3.9	0.0	-	0.0	0.0	-
70.0	60.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
70.0	90.0	0.0	0.0	-	-	0.0	-	21.8	0.0	-	0.0	0.0	-
73.0	60.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0	90.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	51.0	0.0	3.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	7.5	0.0	-
77.0	90.0	0.0	0.0	-	0.0	32.1	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	2.8	-
80.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
80.0	65.0	0.0	0.0	-	0.0	55.5	-	0.0	0.0	-	0.0	0.0	-
80.0	80.0	0.0	3.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	0.0	0.0	-	0.0	13.3	-	3.1	0.0	-	3.0	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.2	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.2	-
83.0	90.0	0.0	0.0	-	0.0	0.0	-	52.0	0.0	-	0.0	3.0	-
87.0	35.0	3.4	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	0.0	6.9	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	0.0	0.0	-	0.0	2.5	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	13.2	3.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	70.0	3.3	0.0	-	3.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	6.8	0.0	-	17.5	3.3	-	0.0	-	0.0	16.8	0.0	-
87.0	90.0	31.1	3.3	-	0.0	52.0	-	0.0	-	13.8	0.0	0.0	-
90.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3
90.0	53.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	6.9	-	0.0
90.0	70.0	6.5	16.6	-	6.4	0.0	-	0.0	-	0.0	0.0	-	2.7
90.0	80.0	0.0	0.0	-	3.2	29.2	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	0.0	0.0	-	0.0	0.0	-	41.6	-	0.0	3.2	-	2.9
90.0	100.0	6.3	-	-	23.4	-	-	0.0	-	-	0.0	-	-
90.0	120.0	0.0	-	-	-	-	-	27.0	-	-	0.0	-	-
93.0	30.0	0.0	0.0	-	6.6	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	-	0.0	6.6	-	0.0	-	0.0	0.0	-	0.0
93.0	40.0	0.0	3.2	-	0.0	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	45.0	25.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	6.4	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	9.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	90.0	0.0	16.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	5.9	0.0	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.2	-	5.7
97.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0
97.0	40.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	12.9	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	9.3	-	0.0	-	0.0	0.0	-	0.0	3.6	-	0.0
97.0	55.0	0.0	6.3	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
97.0	70.0	21.8	-	-	0.0	-	3.0	0.0	-	0.0	6.2	-	0.0
97.0	80.0	2.9	-	-	0.0	-	15.4	3.4	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	0.0	-	6.1	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	25.0	-	0.0	-	0.0	0.0	-	0.0	9.6	-	0.0
100.0	40.0	2.8	25.8	-	0.0	-	0.0	3.4	-	0.0	0.0	-	3.1
100.0	45.0	0.0	0.0	-	0.0	-	0.0	4.6	-	0.0	2.9	-	11.8
100.0	50.0	3.5	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	32.1	-	0.0	-	12.8	0.0	-	0.0	0.0	-	0.0
100.0	70.0	13.7	22.7	-	0.0	-	0.0	4.3	-	0.0	6.7	-	0.0
100.0	80.0	5.9	0.0	-	0.0	-	0.0	25.5	-	0.0	0.0	-	0.0
103.0	29.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	1.9	-	0.0
103.0	35.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	8.5	-	0.0	7.9	-	0.0	0.0	-	0.0
103.0	45.0	8.4	10.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	55.0	22.3	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
103.0	60.0	0.0	3.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	70.0	0.0	9.9	-	0.0	-	16.5	0.0	-	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	0.0	-	6.3	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	16.9	-	0.0	-	0.0	0.0	-	14.2	3.2	-	0.0
107.0	40.0	0.0	22.1	-	21.4	-	0.0	0.0	-	0.0	6.6	-	0.0
107.0	45.0	0.0	29.1	-	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0
107.0	50.0	0.0	16.8	-	0.0	-	13.9	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	0.0	6.9	-	0.0	0.0	-	0.0
107.0	60.0	0.0	7.2	-	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	10.2	0.0	-	0.0
107.0	80.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	18.3	-	0.0
110.0	32.0	0.0	2.8	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
110.0	35.0	6.8	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	12.3	23.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	3.2	-	0.0	-	15.9	0.0	-	0.0	0.0	-	0.0
110.0	50.0	0.0	0.0	-	0.0	-	9.1	0.0	-	0.0	0.0	-	0.0
110.0	60.0	0.0	6.7	-	0.0	-	6.9	0.0	-	0.0	0.0	-	0.0
110.0	70.0	8.7	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	7.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0
113.0	60.0	5.3	7.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 80.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
117.0 35.0	0.0	0.0	-	2.7	-	3.2	0.0	-	0.0	0.0	-	0.0
117.0 50.0	0.0	0.0	-	5.6	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0 60.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0

Notolychnus valdiviae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0 110.0	-	0.0	-	-	3.8	-	-	0.0	-	-	-	-
90.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.2	-	0.0
90.0 140.0	0.0	-	-	3.2	-	-	3.0	-	-	0.0	-	-
93.0 90.0	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0	-	0.0
93.0 140.0	-	-	-	9.0	-	-	0.0	-	-	0.0	-	-
103.0 80.0	0.0	0.0	-	0.0	-	0.0	6.5	-	0.0	0.0	-	0.0
113.0 80.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	3.0
120.0 45.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.1	0.0

Notoscopelus resplendens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0 80.0	0.0	0.0	-	0.0	8.9	-	0.0	-	0.0	0.0	-	0.0
93.0 90.0	0.0	0.0	-	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0
93.0 140.0	-	-	-	3.0	-	-	8.4	-	-	0.0	-	-
100.0 35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
100.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.3	3.3	-	0.0
100.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0 45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
103.0 55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0 70.0	0.0	0.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0
103.0 80.0	0.0	0.0	-	6.1	-	0.0	0.0	-	2.8	0.0	-	0.0
107.0 60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	5.6	0.0	-	0.0
107.0 70.0	0.0	0.0	-	0.0	-	0.0	9.2	-	0.0	0.0	-	0.0
107.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	4.6	-	0.0
110.0 40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0
110.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
110.0 80.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
113.0 60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
113.0 70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	25.7	3.2	-	0.0
113.0 80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.1	0.0	-	0.0
117.0 50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0
117.0 80.0	-	0.0	-	0.0	-	0.0	0.0	-	6.2	-	0.0	0.0
120.0 80.0	-	-	0.0	0.0	-	3.6	0.0	-	9.8	-	0.0	0.0
123.0 45.0	-	-	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0
123.0 60.0	-	-	0.0	0.0	-	0.0	0.0	-	28.2	-	0.0	0.0

TABLE 4. (cont.)

Parvilux ingens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	4.0	-	0.0	0.0	-

Stenobrachius leucopsarus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 38.0	299.3	-	-	-	-	-	-	-	-	-	-	-
40.0 40.0	6.4	-	-	-	-	-	-	-	-	-	-	-
40.0 50.0	41.4	-	-	-	-	-	-	-	-	-	-	-
40.0 55.0	172.8	-	-	-	-	-	-	-	-	-	-	-
40.0 60.0	76.6	-	-	-	-	-	-	-	-	-	-	-
40.0 70.0	9.7	-	-	-	-	-	-	-	-	-	-	-
40.0 80.0	5.0	-	-	-	-	-	-	-	-	-	-	-
40.0 90.0	8.1	-	-	-	-	-	-	-	-	-	-	-
43.0 42.0	20.0	-	-	-	-	-	-	-	-	-	-	-
43.0 45.0	168.1	-	-	-	-	-	-	-	-	-	-	-
43.0 50.0	16.4	-	-	-	-	-	-	-	-	-	-	-
43.0 55.0	15.2	-	-	-	-	-	-	-	-	-	-	-
43.0 60.0	21.6	-	-	-	-	-	-	-	-	-	-	-
43.0 90.0	27.6	-	-	-	-	-	-	-	-	-	-	-
43.0 100.0	21.8	-	-	-	-	-	-	-	-	-	-	-
47.0 50.0	33.5	-	-	-	-	-	-	-	-	-	-	-
47.0 55.0	28.7	-	-	-	-	-	-	-	-	-	-	-
47.0 60.0	26.6	-	-	-	-	-	-	-	-	-	-	-
47.0 70.0	127.1	-	-	-	-	-	-	-	-	-	-	-
47.0 80.0	19.4	-	-	-	-	-	-	-	-	-	-	-
47.0 90.0	41.8	-	-	-	-	-	-	-	-	-	-	-
47.0 100.0	49.1	-	-	-	-	-	-	-	-	-	-	-
50.0 47.0	-	12.8	-	-	-	-	-	-	-	-	-	-
50.0 50.0	-	60.5	-	-	-	-	-	-	-	-	-	-
50.0 55.0	-	83.4	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	114.2	-	-	-	-	-	-	-	-	-	-
50.0 70.0	-	6.4	-	-	-	-	-	-	-	-	-	-
50.0 80.0	-	3.3	-	-	-	-	-	-	-	-	-	-
50.0 90.0	-	22.2	-	-	-	-	-	-	-	-	-	-
50.0 100.0	-	26.6	-	-	-	-	-	-	-	-	-	-
50.0 120.0	7.0	-	-	-	-	-	-	-	-	-	-	-
53.0 52.0	-	32.0	-	-	-	-	-	-	-	-	-	-
53.0 55.0	-	59.0	-	-	-	-	-	-	-	-	-	-
53.0 60.0	-	17.6	-	-	-	-	-	-	-	-	-	-
53.0 70.0	-	45.5	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	43.4	-	-	-	-	-	-	-	-	-	-
53.0 90.0	-	27.6	-	-	-	-	-	-	-	-	-	-
53.0 100.0	-	12.9	-	-	-	-	-	-	-	-	-	-
57.0 51.0	-	47.9	-	-	-	-	-	-	-	-	-	-
57.0 55.0	-	95.1	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	60.0	-	61.3	-	-	-	-	-	-	-	-	-	-
57.0	70.0	-	31.5	-	-	-	-	-	-	-	-	-	-
57.0	80.0	-	22.4	-	-	-	-	-	-	-	-	-	-
57.0	90.0	-	29.3	-	-	-	-	-	-	-	-	-	-
57.0	100.0	-	12.4	-	-	-	-	-	-	-	-	-	-
60.0	50.0	101.4	2.3	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0	52.0	30.5	36.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	55.0	319.2	447.5	-	-	10.0	-	0.0	0.0	-	0.0	0.0	-
60.0	60.0	33.0	199.2	-	-	12.2	-	3.4	0.0	-	0.0	0.0	-
60.0	65.0	128.8	32.8	-	-	16.8	-	3.4	0.0	-	0.0	0.0	-
60.0	70.0	400.6	0.0	-	-	3.8	-	4.9	0.0	-	0.0	0.0	-
60.0	80.0	40.0	28.5	-	-	11.3	-	0.0	3.0	-	0.0	0.0	-
60.0	90.0	19.9	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	8.3	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	52.0	41.3	30.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	47.7	290.4	-	-	29.7	-	0.0	0.0	-	0.0	0.0	-
63.0	60.0	125.0	109.9	-	-	11.2	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	63.0	261.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-
63.0	70.0	99.6	35.5	-	-	6.4	-	0.0	3.4	-	0.0	0.0	-
63.0	80.0	28.7	6.1	-	-	-	-	-	0.0	-	0.0	0.0	-
63.0	90.0	54.4	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	100.0	-	19.0	-	-	-	-	-	-	-	-	-	-
67.0	48.0	22.2	1.5	-	-	5.3	-	0.0	0.0	-	0.0	0.0	-
67.0	50.0	119.2	32.3	-	-	0.0	-	6.9	0.0	-	0.0	0.0	-
67.0	55.0	80.8	139.9	-	-	12.6	-	3.6	0.0	-	0.0	0.0	-
67.0	60.0	222.4	275.2	-	-	20.2	-	0.0	-	-	0.0	0.0	-
67.0	65.0	291.1	381.6	-	-	7.5	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	104.3	485.2	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
67.0	80.0	12.0	67.4	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	29.3	14.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	13.8	3.8	-	-	65.0	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	28.7	187.2	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-
70.0	60.0	75.9	57.6	-	-	7.4	-	3.4	0.0	-	0.0	0.0	-
70.0	65.0	182.5	115.8	-	-	10.6	-	3.3	0.0	-	0.0	0.0	-
70.0	70.0	162.2	72.4	-	-	10.3	-	0.0	0.0	-	0.0	0.0	-
70.0	75.0	-	75.2	-	-	31.1	-	-	0.0	-	-	0.0	-
70.0	80.0	18.2	258.7	-	-	0.0	-	3.8	0.0	-	0.0	0.0	-
70.0	90.0	71.7	23.2	-	-	20.2	-	0.0	0.0	-	0.0	0.0	-
70.0	100.0	-	1.7	-	-	10.1	-	-	0.0	-	-	0.0	-
73.0	50.0	68.3	42.2	-	-	29.6	-	5.8	0.0	-	0.0	0.0	-
73.0	53.0	113.6	46.5	-	-	11.8	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	179.0	63.0	-	-	10.6	-	0.0	0.0	-	0.0	0.0	-
73.0	65.0	142.9	37.1	-	-	20.3	-	0.0	0.0	-	0.0	0.0	-
73.0	70.0	831.7	20.2	-	-	38.0	-	0.0	0.0	-	0.0	0.0	-
73.0	80.0	36.2	120.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	90.0	72.9	63.8	-	-	31.3	-	0.0	0.0	-	0.0	3.0	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 120.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0 48.0	1.1	13.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 51.0	33.8	84.6	-	-	7.2	-	0.0	0.0	-	0.0	0.0	-
77.0 55.0	30.4	79.5	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0 60.0	37.0	54.5	-	-	8.0	-	8.1	0.0	-	0.0	0.0	-
77.0 65.0	6.1	45.7	-	-	49.7	-	0.0	0.0	-	0.0	0.0	-
77.0 70.0	19.0	21.2	-	-	6.9	-	0.0	0.0	-	0.0	2.9	-
77.0 80.0	78.4	8.7	-	3.3	18.6	-	0.0	0.0	-	0.0	0.0	-
77.0 90.0	77.5	36.6	-	6.7	3.6	-	0.0	0.0	-	0.0	0.0	-
77.0 100.0	-	91.9	-	-	-	-	-	-	-	-	-	-
77.0 120.0	-	25.7	-	-	-	-	-	-	-	-	-	-
80.0 51.0	59.8	136.4	-	0.0	7.2	-	3.2	0.0	-	0.0	0.0	-
80.0 52.0	75.6	31.3	-	44.5	4.1	-	0.0	0.0	-	0.0	0.0	-
80.0 55.0	95.8	57.3	-	125.1	4.1	-	0.0	0.0	-	0.0	0.0	-
80.0 60.0	32.9	34.9	-	0.0	190.8	-	0.0	0.0	-	0.0	0.0	-
80.0 65.0	0.0	6.6	-	0.0	163.5	-	0.0	3.3	-	0.0	0.0	-
80.0 68.0	-	23.4	-	-	-	-	-	-	-	-	-	-
80.0 70.0	6.7	-	-	12.8	3.7	-	0.0	0.0	-	-	0.0	-
80.0 80.0	0.0	3.9	-	19.7	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 90.0	45.6	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0 47.0	31.5	-	-	152.8	6.9	-	0.0	0.0	-	0.0	0.0	-
83.0 40.0	0.7	5.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 43.0	22.5	14.7	-	72.8	36.8	-	0.0	0.0	-	0.0	0.0	-
83.0 51.0	56.0	75.4	-	0.0	25.4	-	0.0	0.0	-	0.0	0.0	-
83.0 55.0	94.5	36.2	-	55.7	14.7	-	0.0	0.0	-	0.0	0.0	-
83.0 60.0	87.1	133.0	-	367.2	57.6	-	0.0	0.0	-	0.0	0.0	-
83.0 70.0	25.6	20.2	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	-
83.0 80.0	3.1	0.0	-	3.4	0.0	-	3.4	0.0	-	0.0	0.0	-
83.0 90.0	0.0	25.1	-	0.0	10.3	-	0.0	0.0	-	0.0	0.0	-
85.0 60.0	-	-	-	63.2	-	-	-	-	-	-	-	-
87.0 33.0	5.7	36.4	-	15.6	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 35.0	24.1	281.1	-	47.7	13.2	-	0.0	-	0.0	0.0	-	0.0
87.0 40.0	22.8	337.1	-	7.1	9.7	-	0.0	-	0.0	0.0	-	0.0
87.0 45.0	9.1	50.1	-	87.6	9.1	-	0.0	-	0.0	0.0	-	0.0
87.0 50.0	8.9	20.5	-	9.6	2.5	-	0.0	-	0.0	0.0	-	0.0
87.0 55.0	13.2	20.5	-	18.6	28.6	-	0.0	-	0.0	0.0	-	0.0
87.0 60.0	7.1	23.9	-	-	3.7	-	0.0	-	0.0	0.0	0.0	-
87.0 70.0	0.0	81.9	-	0.0	14.3	-	0.0	-	0.0	0.0	9.3	-
87.0 80.0	0.0	27.8	-	41.9	3.3	-	0.0	-	0.0	0.0	0.0	-
87.0 90.0	13.8	16.5	-	7.1	126.8	-	0.0	-	0.0	0.0	0.0	-
90.0 28.0	3.4	133.6	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 32.0	0.0	28.5	-	13.6	6.9	-	0.0	-	0.0	0.0	-	0.0
90.0 37.0	10.1	6.5	-	23.7	50.5	-	0.0	-	0.0	0.0	-	0.0
90.0 39.0	-	10.4	-	-	35.4	-	-	-	0.0	-	-	0.0
90.0 45.0	26.8	19.4	33.1	0.0	14.0	-	3.4	-	0.0	0.0	-	0.0
90.0 53.0	13.2	16.0	-	51.6	11.7	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	60.0	0.0	16.6	17.3	126.0	0.0	-	6.9	-	0.0	0.0	-	0.0
90.0	70.0	0.0	29.9	-	16.0	35.0	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	35.0	6.5	-	6.3	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	0.0	-	-	56.8	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	13.6	-	26.5	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	0.0	18.3	-	37.6	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	3.3	17.3	-	39.8	2.8	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	9.1	-	16.2	36.5	-	5.6	-	0.0	0.0	-	0.0
93.0	40.0	0.0	31.9	-	0.0	29.7	-	6.3	-	0.0	0.0	-	0.0
93.0	45.0	0.0	40.4	-	3.3	22.9	-	0.0	-	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	-	11.8	3.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	6.4	-	34.7	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	8.1	21.6	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	0.0	35.5	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	6.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	8.7	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	2.8	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	0.0	-	13.5	-	0.0	4.4	-	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	-	3.2	-	0.0	44.2	-	0.0	0.0	-	0.0
97.0	40.0	0.0	0.0	-	9.2	-	12.7	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	6.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	7.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	11.9	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	4.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	25.0	-	0.0	-	10.3	0.0	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	2.7	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	24.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	9.7	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	31.0	0.0	5.1	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	3.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	40.0	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	55.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

Triphoturus mexicanus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-
77.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-
77.0	80.0	0.0	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	0.0	0.0	-	6.9	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	6.6	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	3.2	8.1	-	6.6	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	21.4	3.2	-	0.0	3.2	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 51.0	0.0	0.0	-	0.0	0.0	-	13.6	0.0	-	0.0	7.2	-
83.0 55.0	0.0	0.0	-	0.0	0.0	-	3.2	3.2	-	0.0	0.0	-
83.0 60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
83.0 70.0	0.0	0.0	-	0.0	0.0	-	6.2	0.0	-	0.0	0.0	-
83.0 80.0	0.0	0.0	-	0.0	0.0	-	17.1	0.0	-	0.0	0.0	-
83.0 90.0	0.0	0.0	-	0.0	0.0	-	6.1	0.0	-	0.0	0.0	-
87.0 33.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6	0.0	-	0.0
87.0 35.0	0.0	0.0	-	0.0	0.0	-	36.5	-	0.0	0.0	-	0.0
87.0 40.0	0.0	0.0	-	0.0	6.5	-	17.5	-	9.9	0.0	-	0.0
87.0 45.0	0.0	0.0	-	0.0	0.0	-	3.2	-	3.2	0.0	-	0.0
87.0 55.0	0.0	0.0	-	0.0	0.0	-	3.2	-	5.6	0.0	-	0.0
87.0 60.0	0.0	0.0	-	-	0.0	-	6.7	-	0.0	0.0	0.0	-
87.0 70.0	0.0	0.0	-	3.0	0.0	-	10.7	-	0.0	0.0	0.0	-
87.0 90.0	0.0	0.0	-	0.0	0.0	-	6.5	-	3.5	0.0	0.0	-
90.0 28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	6.2	0.0	-	5.6
90.0 32.0	0.0	0.0	-	0.0	0.0	-	32.2	-	0.0	27.7	-	9.8
90.0 37.0	0.0	0.0	-	0.0	6.7	-	51.1	-	11.3	0.0	-	3.3
90.0 39.0	-	0.0	-	-	3.5	-	-	-	3.4	-	-	0.0
90.0 45.0	0.0	0.0	0.0	0.0	0.0	-	10.1	-	0.0	0.0	-	0.0
90.0 53.0	0.0	0.0	-	0.0	0.0	-	6.6	-	2.9	31.1	-	0.0
90.0 60.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	6.7	-	0.0
90.0 70.0	0.0	0.0	-	0.0	0.0	-	0.0	-	25.2	0.0	-	0.0
90.0 80.0	0.0	0.0	-	0.0	6.5	-	9.0	-	18.4	0.0	-	0.0
90.0 90.0	0.0	0.0	-	0.0	0.0	-	29.7	-	8.7	0.0	-	0.0
90.0 100.0	0.0	-	-	0.0	-	-	18.3	-	-	0.0	-	-
90.0 120.0	0.0	-	-	-	-	-	24.0	-	-	0.0	-	-
90.0 140.0	0.0	-	-	0.0	-	-	0.0	-	-	16.3	-	-
93.0 27.0	0.0	0.0	-	0.0	0.0	-	5.6	-	0.0	0.0	-	0.0
93.0 28.0	0.0	0.0	-	0.0	0.0	-	41.7	-	2.9	0.0	-	9.6
93.0 30.0	0.0	0.0	-	0.0	0.0	-	19.9	-	44.0	3.4	-	0.0
93.0 35.0	0.0	0.0	-	0.0	0.0	-	11.2	-	0.0	10.4	-	0.0
93.0 40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	43.3	30.9	-	3.2
93.0 45.0	0.0	0.0	-	0.0	0.0	-	12.7	-	10.1	15.9	-	0.0
93.0 50.0	0.0	0.0	-	0.0	0.0	-	3.0	-	156.8	9.8	-	0.0
93.0 55.0	0.0	0.0	-	0.0	0.0	-	3.0	-	-	0.0	-	0.0
93.0 60.0	0.0	0.0	-	0.0	46.8	-	14.8	-	13.8	0.0	-	0.0
93.0 70.0	0.0	0.0	-	3.4	0.0	-	6.1	-	0.0	0.0	-	0.0
93.0 80.0	0.0	0.0	-	6.4	3.0	-	18.4	-	3.0	3.4	-	0.0
93.0 90.0	0.0	0.0	-	0.0	0.0	-	2.9	-	8.3	0.0	-	0.0
93.0 100.0	0.0	-	-	0.0	-	-	12.4	-	-	0.0	-	-
93.0 120.0	0.0	-	-	0.0	-	-	6.1	-	-	6.3	-	-
93.0 140.0	-	-	-	0.0	-	-	8.4	-	-	0.0	-	-
97.0 29.0	0.0	0.0	-	0.0	-	3.2	0.0	-	1.7	0.0	-	0.0
97.0 30.0	0.0	0.0	-	0.0	-	1.6	3.1	-	0.0	0.0	-	0.0
97.0 32.0	0.0	0.0	-	0.0	-	50.4	21.9	-	6.6	63.2	-	0.0
97.0 35.0	0.0	0.0	-	9.5	-	54.2	0.0	-	47.5	28.0	-	3.2

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	40.0	0.0	0.0	-	0.0	-	9.5	84.8	-	87.9	36.8	-	0.0
97.0	45.0	0.0	0.0	-	3.2	-	84.3	41.6	-	26.7	6.6	-	0.0
97.0	50.0	0.0	0.0	-	5.0	-	156.4	48.7	-	14.9	10.8	-	3.2
97.0	55.0	0.0	0.0	-	0.0	-	3.7	4.0	-	8.5	6.8	-	0.0
97.0	60.0	0.0	0.0	-	3.1	-	12.2	12.5	-	7.0	3.1	-	0.0
97.0	70.0	0.0	-	-	3.1	-	0.0	104.2	-	17.9	9.3	-	0.0
97.0	80.0	0.0	-	-	13.1	-	6.2	40.3	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	0.0	-	45.6	30.0	-	41.4	6.1	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	3.0	10.8	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	4.9	75.2	-	6.9	21.4	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	89.4	50.4	-	282.9	63.8	-	0.0
100.0	40.0	0.0	0.0	-	0.0	-	77.0	109.4	-	38.8	77.0	-	0.0
100.0	45.0	2.6	0.0	-	0.0	-	16.0	101.9	-	99.5	2.9	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	109.0	6.9	-	49.2	3.2	-	3.3
100.0	55.0	0.0	0.0	-	0.0	-	133.6	22.1	-	111.5	3.0	-	5.8
100.0	60.0	0.0	0.0	-	3.2	-	147.7	12.1	-	87.6	0.0	-	0.0
100.0	70.0	0.0	0.0	-	13.3	-	16.1	72.6	-	212.9	40.1	-	3.0
100.0	80.0	0.0	0.0	-	3.1	-	9.4	89.3	-	42.4	16.7	-	6.0
100.0	90.0	0.0	0.0	-	21.6	-	33.0	40.5	-	7.3	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	2.2	0.0	-	0.0	1.9	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	14.7	-	13.2	5.6	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	51.6	32.3	-	121.5	12.8	-	0.0
103.0	40.0	0.0	0.0	-	8.5	-	17.3	27.7	-	18.0	28.6	-	0.0
103.0	45.0	0.0	0.0	-	12.4	-	21.0	33.5	-	82.3	15.8	-	0.0
103.0	50.0	0.0	0.0	-	6.7	-	3.5	68.8	-	85.9	83.2	-	0.0
103.0	55.0	0.0	0.0	-	8.0	-	45.8	63.5	-	240.5	117.6	-	0.0
103.0	60.0	0.0	0.0	-	7.2	-	81.8	32.0	-	68.7	13.6	-	0.0
103.0	70.0	0.0	0.0	-	15.3	-	16.5	28.6	-	162.5	13.0	-	0.0
103.0	80.0	0.0	0.0	-	30.7	-	12.6	19.6	-	132.0	40.3	-	0.0
107.0	31.0	0.0	0.0	-	0.0	-	17.2	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	0.0	-	5.6	-	15.0	24.1	-	64.1	3.3	-	0.0
107.0	35.0	0.0	0.0	-	35.2	-	0.0	314.2	-	60.3	50.7	-	0.0
107.0	40.0	3.3	0.0	-	54.9	-	7.8	58.9	-	68.2	23.1	-	0.0
107.0	45.0	0.0	7.3	-	39.6	-	44.0	33.3	-	51.8	9.4	-	0.0
107.0	50.0	0.0	4.2	-	29.3	-	119.1	32.4	-	22.5	23.0	-	0.0
107.0	55.0	0.0	0.0	-	24.2	-	48.3	117.6	-	48.6	14.4	-	0.0
107.0	60.0	0.0	0.0	-	68.2	-	6.6	35.5	-	16.9	21.8	-	0.0
107.0	70.0	0.0	0.0	-	12.8	-	12.4	61.4	-	85.0	186.1	-	0.0
107.0	80.0	0.0	0.0	-	22.8	-	35.5	133.6	-	233.2	123.4	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	14.3	0.0	-	7.8	1.7	-	0.0
110.0	35.0	0.0	0.0	-	2.9	-	6.2	72.2	-	0.0	6.3	-	2.9
110.0	40.0	0.0	0.0	-	3.3	-	0.0	47.8	-	13.6	16.7	-	0.0
110.0	45.0	0.0	0.0	-	9.1	-	70.0	77.3	-	19.9	5.7	-	0.0
110.0	50.0	0.0	0.0	-	0.0	-	48.6	141.4	-	78.9	9.5	-	0.0
110.0	60.0	0.0	0.0	-	22.9	-	114.5	11.1	-	195.8	14.6	-	0.0
110.0	70.0	0.0	0.0	-	24.4	-	0.0	25.3	-	149.0	67.5	-	3.1

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	80.0	0.0	10.7	–	72.2	–	66.9	46.3	–	99.0	19.4	–	0.0
113.0	35.0	0.0	0.0	–	30.4	–	26.3	24.4	–	151.0	0.0	–	0.0
113.0	40.0	0.0	0.0	–	20.9	–	5.7	6.9	–	16.3	0.0	–	0.0
113.0	45.0	0.0	0.0	–	24.1	–	114.8	11.5	–	54.0	9.4	–	0.0
113.0	50.0	0.0	7.2	–	31.2	–	39.5	27.6	–	54.9	28.8	–	0.0
113.0	60.0	0.0	0.0	–	44.8	–	115.2	64.8	–	59.4	29.3	–	0.0
113.0	70.0	0.0	10.6	–	78.3	–	9.0	23.7	–	359.5	6.3	–	0.0
113.0	80.0	0.0	6.6	–	39.1	–	62.0	95.2	–	202.0	6.3	–	0.0
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	5.2	3.5	–	0.0
117.0	30.0	0.0	0.0	–	0.0	–	8.2	24.8	–	0.0	0.0	–	0.0
117.0	35.0	0.0	0.0	–	35.4	–	25.7	101.8	–	0.0	0.0	–	0.0
117.0	40.0	0.0	15.2	–	8.9	–	117.0	11.3	–	7.2	0.0	–	0.0
117.0	45.0	0.0	14.4	–	33.3	–	23.2	59.5	–	74.4	–	6.1	0.0
117.0	50.0	0.0	17.6	–	186.1	–	46.6	101.7	–	192.2	–	45.6	0.0
117.0	60.0	0.0	0.0	–	22.1	–	40.7	217.6	–	60.8	–	3.5	0.0
117.0	70.0	0.0	0.0	–	3.1	–	23.4	270.6	–	104.3	–	3.0	0.0
117.0	80.0	–	0.0	–	12.2	–	307.2	28.4	–	135.5	–	30.8	0.0
118.0	39.0	0.0	3.6	–	0.0	–	0.0	14.1	–	0.0	0.0	–	0.0
119.0	33.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.1	0.0	–	0.0
120.0	35.0	0.0	–	0.0	29.0	–	0.0	2.5	–	0.0	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	0.0	2.1	–	0.0	–	0.0	0.0
120.0	45.0	0.0	–	5.3	0.0	–	0.0	82.3	–	34.9	–	9.4	0.0
120.0	50.0	0.0	–	0.0	0.0	–	43.3	135.7	–	522.7	–	12.0	3.0
120.0	55.0	–	–	11.5	–	–	16.0	–	–	159.2	–	–	0.0
120.0	60.0	0.0	–	0.0	22.3	–	57.6	143.1	–	152.8	–	12.3	0.0
120.0	70.0	0.0	–	1.5	15.1	–	87.4	74.1	–	132.9	–	508.3	0.0
120.0	80.0	–	–	5.6	3.0	–	46.5	20.3	–	65.0	–	96.0	0.0
120.0	90.0	–	–	15.8	–	–	12.6	–	–	30.9	–	–	0.0
123.0	36.0	–	–	0.0	0.0	–	0.0	0.0	–	33.2	–	0.0	0.0
123.0	37.0	–	–	0.0	0.0	–	0.0	7.6	–	20.8	–	0.0	0.0
123.0	42.0	–	–	0.0	5.7	–	71.8	39.2	–	6.5	–	3.3	0.0
123.0	45.0	–	–	0.0	22.7	–	25.3	348.4	–	6.8	–	12.0	0.0
123.0	50.0	–	–	14.1	0.0	–	12.3	250.1	–	113.8	–	9.3	3.0
123.0	60.0	–	–	3.5	47.3	–	128.5	43.5	–	109.6	–	3.1	0.0
127.0	33.0	–	–	2.9	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0
127.0	34.0	–	–	37.7	0.0	–	0.0	23.4	–	0.0	0.0	–	0.0
127.0	40.0	–	–	7.4	0.0	–	13.4	87.9	–	–	267.9	8.7	8.5
127.0	45.0	–	–	0.0	15.4	–	21.6	259.2	–	–	212.4	8.8	0.0
127.0	50.0	–	–	0.0	10.2	–	11.8	66.2	–	–	12.2	2.8	3.0
127.0	60.0	–	–	3.5	85.6	–	137.7	50.1	–	–	59.0	9.9	0.0
130.0	30.0	–	–	3.2	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	35.0	–	–	7.4	0.0	–	10.9	7.3	–	–	104.9	6.0	0.0
130.0	40.0	–	–	0.0	22.1	–	13.0	27.4	–	–	194.9	0.0	0.0
130.0	45.0	–	–	43.9	3.3	–	121.6	63.4	–	–	153.2	3.0	–
130.0	50.0	–	–	18.0	9.1	–	136.7	92.0	–	–	50.0	36.8	–

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	60.0	–	–	10.5	9.8	–	16.1	10.6	–	–	15.4	17.9	–
133.0	35.0	–	–	18.9	2.8	–	2.9	32.0	–	–	13.2	3.3	2.9
133.0	40.0	–	–	3.4	0.0	–	3.1	50.5	–	–	3.5	2.8	0.0
133.0	50.0	–	–	0.0	29.8	–	0.0	32.6	–	–	16.1	8.0	–
133.0	60.0	–	–	35.8	145.8	–	3.0	9.5	–	–	33.1	6.8	–
137.0	30.0	–	–	0.0	0.0	–	0.0	45.5	–	–	0.0	0.0	0.0
137.0	35.0	–	–	0.0	0.0	–	3.1	65.0	–	–	0.0	0.0	0.0
137.0	40.0	–	–	23.8	6.0	–	25.6	19.3	–	–	3.0	0.0	–
137.0	50.0	–	–	23.6	12.7	–	2.8	21.9	–	–	6.4	3.4	–
137.0	60.0	–	–	13.2	23.4	–	15.0	38.4	–	–	64.6	38.4	–

Centrobranchus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	90.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
120.0	70.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.9	0.0

Diogenichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	80.0	2.5	–	–	–	–	–	–	–	–	–	–	–
67.0	90.0	0.0	0.0	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
73.0	80.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	90.0	0.0	0.0	–	–	3.5	–	0.0	0.0	–	0.0	0.0	–
77.0	90.0	0.0	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.0	–
83.0	80.0	0.0	0.0	–	3.4	0.0	–	3.4	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
87.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.5
90.0	32.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	6.5
90.0	60.0	0.0	0.0	0.0	0.0	0.0	–	6.9	–	0.0	0.0	–	0.0
90.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.7
90.0	100.0	0.0	–	–	0.0	–	–	3.0	–	–	0.0	–	–
90.0	120.0	0.0	–	–	–	–	–	12.0	–	–	0.0	–	–
90.0	140.0	0.0	–	–	0.0	–	–	3.0	–	–	0.0	–	–
93.0	50.0	3.4	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	90.0	0.0	0.0	–	0.0	3.1	–	0.0	–	0.0	0.0	–	0.0
97.0	50.0	0.0	0.0	–	2.5	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	90.0	0.0	–	–	5.9	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	3.0	0.0	–	0.0
100.0	50.0	0.0	0.0	–	3.3	–	4.4	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
100.0	90.0	0.0	0.0	–	0.0	–	0.0	4.5	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Diogenichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	6.4	–	0.0
103.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.9	–	0.0
103.0	55.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
103.0	80.0	0.0	0.0	–	0.0	–	0.0	6.5	–	0.0	2.9	–	3.0
107.0	35.0	0.0	0.0	–	3.2	–	0.0	3.7	–	0.0	0.0	–	0.0
107.0	40.0	0.0	3.7	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	45.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	70.0	0.0	0.0	–	9.6	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	80.0	3.4	0.0	–	2.8	–	0.0	0.0	–	8.0	0.0	–	0.0
110.0	32.0	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	40.0	6.2	0.0	–	6.6	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	45.0	0.0	0.0	–	0.0	–	6.4	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	3.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	60.0	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.0	0.0	–	0.0
113.0	40.0	0.0	3.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	45.0	0.0	0.0	–	6.0	–	0.0	0.0	–	3.0	0.0	–	0.0
113.0	50.0	3.2	14.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	60.0	2.7	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	70.0	3.1	3.5	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	80.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.4	–	0.0	0.0
117.0	70.0	6.3	3.5	–	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
118.0	39.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	40.0	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	60.0	0.0	–	0.0	3.2	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	80.0	–	–	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	5.7
123.0	45.0	–	–	6.8	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	50.0	–	–	3.5	0.0	–	0.0	3.4	–	0.0	–	0.0	6.0
127.0	45.0	–	–	3.5	0.0	–	0.0	3.2	–	–	0.0	0.0	0.0
127.0	50.0	–	–	0.0	0.0	–	5.9	0.0	–	–	0.0	0.0	0.0
127.0	60.0	–	–	0.0	0.0	–	15.7	0.0	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	3.8	0.0	–	–	0.0	0.0	–
133.0	35.0	–	–	0.0	0.0	–	2.9	0.0	–	–	0.0	0.0	0.0

Diogenichthys atlanticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	120.0	–	3.0	–	–	–	–	–	–	–	–	–	–
63.0	80.0	3.2	0.0	–	–	–	–	–	0.0	–	0.0	0.0	–
63.0	90.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 120.0	-	6.4	-	-	-	-	-	-	-	-	-	-
67.0 90.0	0.0	5.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 120.0	-	3.4	-	-	-	-	-	-	-	-	-	-
70.0 90.0	2.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 100.0	-	15.6	-	-	0.0	-	-	0.0	-	-	0.0	-
70.0 110.0	-	12.5	-	-	11.3	-	-	0.0	-	-	-	-
70.0 120.0	-	12.8	-	-	-	-	-	-	-	-	-	-
73.0 53.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 60.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0 65.0	0.0	0.0	-	-	0.0	-	3.5	2.6	-	0.0	0.0	-
73.0 90.0	0.0	7.8	-	-	24.4	-	3.4	0.0	-	3.2	0.0	-
73.0 100.0	-	3.3	-	-	-	-	-	-	-	-	-	-
73.0 120.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0 55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.3	0.0	-
77.0 70.0	0.0	0.0	-	-	3.4	-	0.0	3.6	-	0.0	0.0	-
77.0 80.0	0.0	1.5	-	0.0	0.0	-	14.0	0.0	-	11.3	0.0	-
77.0 90.0	0.0	0.0	-	3.4	28.6	-	0.0	3.2	-	0.0	9.2	-
80.0 60.0	0.0	4.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 65.0	0.0	0.0	-	0.0	2.9	-	0.0	0.0	-	0.0	0.0	-
80.0 68.0	-	2.9	-	-	-	-	-	-	-	-	-	-
80.0 80.0	0.0	3.9	-	8.5	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 90.0	0.0	12.0	-	0.0	10.0	-	3.1	4.0	-	3.0	3.0	-
83.0 51.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1	0.0	-
83.0 55.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 60.0	6.2	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2	0.0	-
83.0 70.0	0.0	3.4	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 90.0	0.0	0.0	-	0.0	0.0	-	21.4	3.0	-	0.0	0.0	-
87.0 45.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
87.0 55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	8.4	0.0	-	0.0
87.0 60.0	0.0	0.0	-	-	0.0	-	3.3	-	0.0	0.0	0.0	-
87.0 70.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0 80.0	0.0	3.1	-	0.0	0.0	-	0.0	-	0.0	6.7	0.0	-
87.0 90.0	3.5	0.0	-	0.0	13.0	-	22.9	-	20.8	16.5	0.0	-
90.0 39.0	-	0.0	-	-	3.5	-	-	-	0.0	-	-	0.0
90.0 53.0	0.0	0.0	-	0.0	0.0	-	6.6	-	0.0	0.0	-	0.0
90.0 60.0	0.0	0.0	0.0	6.5	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 65.0	-	-	7.2	-	-	-	-	-	-	-	-	-
90.0 70.0	0.0	0.0	-	6.4	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 80.0	0.0	0.0	-	0.0	3.2	-	18.0	-	0.0	3.3	-	0.0
90.0 90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	8.7	66.8	-	63.1
90.0 100.0	6.3	-	-	23.4	-	-	0.0	-	-	10.0	-	-
90.0 120.0	9.7	-	-	-	-	-	21.0	-	-	6.2	-	-
90.0 140.0	36.0	-	-	16.1	-	-	3.0	-	-	16.3	-	-
93.0 28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
93.0 45.0	15.6	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0 50.0	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	55.0	0.0	3.2	-	0.0	0.0	-	0.0	-	-	0.0	-	0.0
93.0	70.0	0.0	0.0	-	0.0	0.0	-	0.0	-	5.8	0.0	-	0.0
93.0	80.0	0.0	0.0	-	3.2	20.7	-	0.0	-	3.0	10.2	-	0.0
93.0	90.0	3.2	3.3	-	2.9	18.7	-	0.0	-	13.8	5.6	-	15.8
93.0	100.0	10.1	-	-	12.8	-	-	0.0	-	-	0.0	-	-
93.0	120.0	9.6	-	-	15.3	-	-	9.2	-	-	6.3	-	-
93.0	140.0	-	-	-	18.1	-	-	0.0	-	-	19.0	-	-
97.0	40.0	0.0	0.0	-	0.0	-	0.0	3.0	-	0.0	0.0	-	0.0
97.0	45.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	3.1	-	0.0	-	8.0	0.0	-	0.0	0.0	-	6.4
97.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
97.0	60.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	6.2	0.0	-	0.0	8.4	-	0.0
97.0	90.0	2.9	-	-	0.0	-	18.2	0.0	-	0.0	0.0	-	6.1
100.0	35.0	0.0	0.0	-	0.0	-	0.0	4.6	-	0.0	0.0	-	0.0
100.0	45.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	3.2	-	12.8	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	16.7	-	3.0
100.0	80.0	8.9	0.0	-	0.0	-	0.0	0.0	-	0.0	10.0	-	3.0
100.0	90.0	0.0	0.0	-	6.2	-	0.0	4.5	-	0.0	6.2	-	2.8
103.0	50.0	5.9	0.0	-	0.0	-	0.0	0.0	-	3.6	2.9	-	3.2
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	3.2
103.0	60.0	0.0	0.0	-	0.0	-	9.1	7.1	-	0.0	10.2	-	6.7
103.0	70.0	0.0	0.0	-	3.1	-	33.1	0.0	-	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	3.1	-	9.5	3.3	-	0.0	0.0	-	0.0
107.0	35.0	6.3	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	40.0	0.0	3.7	-	9.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	45.0	7.9	0.0	-	9.1	-	0.0	0.0	-	3.2	0.0	-	0.0
107.0	50.0	0.0	0.0	-	3.3	-	16.6	0.0	-	6.4	0.0	-	0.0
107.0	55.0	0.0	0.0	-	3.0	-	9.7	3.5	-	0.0	0.0	-	0.0
107.0	60.0	6.6	0.0	-	3.1	-	13.2	0.0	-	5.6	3.1	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	9.3	0.0	-	3.4	0.0	-	0.0
107.0	80.0	0.0	0.0	-	2.8	-	0.0	0.0	-	8.0	9.1	-	0.0
110.0	35.0	17.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
110.0	45.0	6.0	0.0	-	0.0	-	9.5	0.0	-	0.0	0.0	-	0.0
110.0	70.0	8.7	0.0	-	0.0	-	6.2	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	9.7	-	0.0
113.0	30.0	0.0	0.0	-	1.9	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	40.0	3.1	0.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	3.2	0.0	-	0.0	-	3.0	0.0	-	3.2	0.0	-	0.0
113.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	6.1
113.0	80.0	0.0	0.0	-	0.0	-	3.1	0.0	-	9.2	0.0	-	0.0
117.0	40.0	0.0	0.0	-	3.0	-	4.2	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	50.0	3.1	0.0	–	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0
117.0	60.0	0.0	0.0	–	0.0	–	0.0	3.2	–	0.0	–	0.0	3.0
117.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	11.4
117.0	80.0	–	0.0	–	0.0	–	12.0	0.0	–	0.0	–	3.1	0.0
120.0	35.0	0.0	–	0.0	7.9	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	2.8
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	2.9	–	0.0	0.0
120.0	55.0	–	–	0.0	–	–	0.0	–	–	3.5	–	–	0.0
120.0	70.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	7.9	3.0
120.0	80.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.3	3.1
120.0	90.0	–	–	0.0	–	–	0.0	–	–	0.0	–	–	5.9
123.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0
127.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	0.0

Diogenichthys laternatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	70.0	0.0	2.9	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	35.0	5.2	3.1	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	90.0	0.0	–	–	0.0	–	0.0	3.0	–	0.0	0.0	–	0.0
100.0	30.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	40.0	5.6	3.2	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	3.5	0.0	–	0.0	–	0.0	0.0	–	21.9	0.0	–	0.0
100.0	70.0	0.0	3.2	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	35.0	8.9	0.0	–	0.0	–	3.4	0.0	–	0.0	3.2	–	0.0
103.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0
103.0	50.0	0.0	24.4	–	3.4	–	0.0	0.0	–	3.6	0.0	–	0.0
103.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
103.0	80.0	0.0	3.3	–	3.1	–	0.0	0.0	–	2.8	2.9	–	0.0
107.0	32.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	35.0	0.0	30.4	–	0.0	–	0.0	0.0	–	7.1	3.2	–	0.0
107.0	40.0	3.3	33.1	–	6.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	45.0	15.8	76.4	–	3.0	–	3.1	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	16.8	–	0.0	–	0.0	0.0	–	0.0	5.8	–	0.0
107.0	55.0	0.0	14.4	–	0.0	–	0.0	6.9	–	0.0	0.0	–	0.0
107.0	70.0	8.2	18.3	–	0.0	–	0.0	3.1	–	3.4	5.6	–	0.0
107.0	80.0	0.0	35.6	–	2.8	–	0.0	13.4	–	0.0	4.6	–	0.0
110.0	40.0	0.0	6.7	–	0.0	–	0.0	0.0	–	0.0	2.8	–	0.0
110.0	50.0	12.2	0.0	–	0.0	–	0.0	0.0	–	5.4	0.0	–	0.0
110.0	70.0	28.9	0.0	–	0.0	–	0.0	0.0	–	0.0	2.4	–	0.0
110.0	80.0	3.3	3.6	–	18.1	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	40.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	3.1	–	0.0
113.0	45.0	36.1	10.9	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	50.0	12.7	0.0	–	0.0	–	0.0	0.0	–	0.0	18.3	–	0.0
113.0	60.0	8.0	30.1	–	6.0	–	0.0	0.0	–	0.0	2.9	–	0.0

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	70.0	0.0	0.0	-	21.9	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	11.2	-	18.6	0.0	-	9.2	0.0	-	0.0
117.0	30.0	5.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	19.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	45.0	15.9	3.6	-	6.7	-	0.0	3.5	-	3.4	-	3.0	2.9
117.0	50.0	96.7	21.1	-	0.0	-	0.0	0.0	-	6.3	-	14.3	0.0
117.0	60.0	0.0	79.3	-	6.3	-	0.0	0.0	-	9.6	-	0.0	0.0
117.0	70.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	-	3.0	0.0
117.0	80.0	-	0.0	-	21.3	-	8.0	0.0	-	0.0	-	3.1	0.0
118.0	39.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.7	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0
120.0	30.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	6.1	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	3.2	-	31.3	0.0	-	0.0	0.0	-	8.7	-	3.1	0.0
120.0	50.0	3.3	-	0.0	0.0	-	0.0	3.5	-	172.3	-	9.0	0.0
120.0	55.0	-	-	14.4	-	-	0.0	-	-	6.9	-	-	0.0
120.0	60.0	30.6	-	3.6	0.0	-	0.0	0.0	-	6.5	-	0.0	0.0
120.0	70.0	15.3	-	12.4	18.2	-	0.0	0.0	-	9.3	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	0.0	-	6.5	-	6.6	0.0
120.0	90.0	-	-	0.0	-	-	0.0	-	-	24.7	-	-	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	2.8	-	0.0	0.0
123.0	37.0	-	-	9.7	0.0	-	0.0	0.0	-	20.8	-	0.0	0.0
123.0	42.0	-	-	18.4	0.0	-	0.0	0.0	-	3.3	-	43.5	0.0
123.0	45.0	-	-	34.2	0.0	-	0.0	6.7	-	23.9	-	93.3	0.0
123.0	50.0	-	-	17.6	0.0	-	0.0	0.0	-	29.3	-	34.1	0.0
123.0	60.0	-	-	7.0	63.9	-	0.0	3.3	-	21.9	-	12.3	0.0
127.0	34.0	-	-	27.4	0.0	-	0.0	0.0	-	0.0	0.0	-	8.2
127.0	40.0	-	-	3.7	0.0	-	0.0	0.0	-	-	36.2	54.9	11.4
127.0	45.0	-	-	10.4	0.0	-	0.0	0.0	-	-	64.8	29.2	0.0
127.0	50.0	-	-	0.0	33.9	-	0.0	0.0	-	-	3.0	0.0	0.0
127.0	60.0	-	-	38.9	6.3	-	0.0	0.0	-	-	44.3	0.0	3.0
130.0	30.0	-	-	3.2	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	35.0	-	-	22.1	0.0	-	0.0	0.0	-	-	3.2	0.0	0.0
130.0	40.0	-	-	3.4	37.8	-	0.0	0.0	-	-	0.0	0.0	9.1
130.0	45.0	-	-	47.3	9.9	-	0.0	0.0	-	-	79.9	0.0	-
130.0	50.0	-	-	57.8	21.2	-	22.3	0.0	-	-	79.9	31.1	-
130.0	60.0	-	-	73.3	9.8	-	0.0	3.5	-	-	6.2	170.4	-
133.0	25.0	-	-	3.7	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	30.0	-	-	10.8	2.7	-	0.0	0.0	-	-	0.0	0.0	5.3
133.0	35.0	-	-	60.3	28.0	-	0.0	9.6	-	-	0.0	0.0	32.1
133.0	40.0	-	-	13.6	5.9	-	3.1	3.6	-	-	14.0	0.0	8.9
133.0	50.0	-	-	10.2	35.2	-	0.0	26.1	-	-	35.5	10.6	-
133.0	60.0	-	-	3.6	6.5	-	12.2	12.7	-	-	19.9	17.1	-
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.2	0.0	0.0
137.0	35.0	-	-	16.6	0.0	-	0.0	6.8	-	-	0.0	0.0	0.0

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 40.0	–	–	30.6	6.0	–	0.0	0.0	–	–	6.0	0.0	–
137.0 50.0	–	–	27.0	41.3	–	2.8	0.0	–	–	3.2	6.9	–
137.0 60.0	–	–	39.5	20.4	–	0.0	12.8	–	–	25.8	23.6	–

Electrona rissoi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 90.0	0.0	1.4	–	–	0.0	–	0.0	3.0	–	0.0	0.0	–
77.0 100.0	–	3.2	–	–	–	–	–	–	–	–	–	–
93.0 90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	2.8	–	0.0
93.0 120.0	3.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
107.0 32.0	0.0	0.0	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0
110.0 45.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0

Gonichthys tenuiculus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 90.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
103.0 45.0	0.0	10.7	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0 80.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0 40.0	0.0	3.7	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0 45.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0 70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.8	–	0.0
110.0 70.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0 80.0	3.3	7.2	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0 45.0	2.8	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0 80.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0 40.0	0.0	7.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0 50.0	6.2	0.0	–	0.0	–	0.0	0.0	–	0.0	–	2.8	0.0
117.0 60.0	0.0	3.5	–	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
117.0 80.0	–	0.0	–	0.0	–	4.0	0.0	–	0.0	–	0.0	0.0
118.0 39.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0 45.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0
120.0 55.0	–	–	0.0	–	–	0.0	–	–	3.5	–	–	0.0
120.0 80.0	–	–	2.8	0.0	–	10.7	0.0	–	3.3	–	0.0	0.0
120.0 90.0	–	–	0.0	–	–	0.0	–	–	3.1	–	–	0.0
123.0 45.0	–	–	0.0	0.0	–	0.0	6.7	–	0.0	–	3.0	0.0
123.0 50.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0
123.0 60.0	–	–	0.0	5.6	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0 40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	10.9	0.0	2.8
127.0 45.0	–	–	0.0	0.0	–	0.0	6.5	–	–	0.0	0.0	0.0
127.0 60.0	–	–	0.0	0.0	–	6.3	0.0	–	–	0.0	0.0	0.0
130.0 28.0	–	–	3.3	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0 35.0	–	–	3.7	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	45.0	-	-	10.1	0.0	-	0.0	0.0	-	-	0.0	0.0	-
130.0	50.0	-	-	14.4	3.0	-	0.0	0.0	-	-	0.0	0.0	-
133.0	35.0	-	-	7.5	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	40.0	-	-	10.2	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	50.0	-	-	6.8	0.0	-	0.0	0.0	-	-	0.0	2.7	-
133.0	60.0	-	-	3.6	0.0	-	0.0	0.0	-	-	0.0	0.0	-
137.0	35.0	-	-	13.3	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
137.0	40.0	-	-	3.4	6.0	-	0.0	0.0	-	-	0.0	3.1	-
137.0	50.0	-	-	16.9	0.0	-	0.0	0.0	-	-	0.0	0.0	-
137.0	60.0	-	-	13.2	0.0	-	0.0	0.0	-	-	0.0	0.0	-

Hygophum spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
117.0	60.0	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	60.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	2.9	0.0	-	0.0	-	0.0	0.0
123.0	45.0	-	-	3.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	50.0	-	-	3.5	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0
127.0	50.0	-	-	0.0	3.4	-	0.0	0.0	-	-	3.0	0.0	0.0
133.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	3.3	0.0
133.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	3.0
137.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	2.9
137.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.9	0.0

Hygophum atratum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	70.0	0.0	0.0	-	-	0.0	-	4.0	0.0	-	0.0	0.0	-
93.0	80.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.3	-	0.0
100.0	90.0	0.0	0.0	-	0.0	-	6.0	0.0	-	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
107.0	45.0	4.0	7.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	50.0	6.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0
107.0	80.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	4.6	-	0.0
110.0	40.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	50.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	15.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	70.0	3.1	0.0	-	0.0	-	0.0	0.0	-	6.4	0.0	-	0.0
113.0	80.0	0.0	0.0	-	2.8	-	3.1	0.0	-	24.5	0.0	-	0.0
117.0	45.0	0.0	0.0	-	6.7	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	50.0	9.4	0.0	-	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0
117.0	80.0	-	0.0	-	3.0	-	16.0	0.0	-	6.2	-	0.0	0.0
120.0	50.0	0.0	-	3.6	0.0	-	0.0	3.5	-	5.8	-	0.0	0.0
120.0	55.0	-	-	2.9	-	-	0.0	-	-	0.0	-	-	0.0
120.0	60.0	0.0	-	0.0	6.4	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	70.0	3.1	-	0.0	0.0	-	0.0	0.0	-	9.3	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	3.6	0.0	-	19.5	-	0.0	0.0
120.0	90.0	-	-	5.3	-	-	3.2	-	-	0.0	-	-	0.0
123.0	37.0	-	-	3.2	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	0.0	3.3	-	3.4	-	18.1	0.0
123.0	50.0	-	-	0.0	0.0	-	0.0	3.4	-	3.3	-	3.1	0.0
123.0	60.0	-	-	0.0	2.8	-	0.0	0.0	-	3.1	-	0.0	0.0
127.0	33.0	-	-	2.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	7.2	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	6.5	-	-	0.0	2.9	0.0
127.0	60.0	-	-	0.0	6.3	-	6.3	9.4	-	-	0.0	0.0	0.0
130.0	28.0	-	-	6.6	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	6.4	0.0
130.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	-	10.0	0.0	-
130.0	50.0	-	-	10.8	0.0	-	22.3	0.0	-	-	0.0	2.8	-
130.0	60.0	-	-	3.5	0.0	-	0.0	0.0	-	-	6.2	23.9	-
133.0	35.0	-	-	3.8	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	6.5	0.0	-
133.0	60.0	-	-	7.2	0.0	-	0.0	0.0	-	-	19.9	0.0	-
137.0	30.0	-	-	0.0	0.0	-	0.0	3.3	-	-	0.0	0.0	2.9
137.0	35.0	-	-	10.0	0.0	-	0.0	10.3	-	-	0.0	0.0	0.0
137.0	40.0	-	-	3.4	0.0	-	0.0	0.0	-	-	3.0	0.0	-
137.0	50.0	-	-	6.7	0.0	-	0.0	3.1	-	-	0.0	0.0	-
137.0	60.0	-	-	0.0	0.0	-	0.0	28.8	-	-	3.2	0.0	-

Hygophum reinhardtii

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	140.0	3.3	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	0.0	0.0	-	0.0	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	120.0	0.0	-	-	0.0	-	-	9.2	-	-	0.0	-	-
93.0	140.0	-	-	-	3.0	-	-	8.4	-	-	0.0	-	-
107.0	60.0	0.0	0.0	-	6.2	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	40.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Hygophum reinhardtii (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.9	0.0

Loweina rara

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.2	-	0.0
107.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	2.9	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.0
120.0	70.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.1
120.0	90.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	3.0
123.0	50.0	-	-	7.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
127.0	34.0	-	-	10.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

Myctophum nitidulum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	90.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.2	-	2.9
90.0	100.0	0.0	-	-	0.0	-	-	0.0	-	-	6.7	-	-
90.0	120.0	0.0	-	-	-	-	-	3.0	-	-	0.0	-	-
90.0	140.0	3.3	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	80.0	0.0	0.0	-	3.2	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0	-	0.0
93.0	120.0	0.0	-	-	0.0	-	-	6.1	-	-	3.2	-	-
93.0	140.0	-	-	-	12.0	-	-	14.0	-	-	0.0	-	-
97.0	70.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
97.0	90.0	0.0	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.8	0.0	-	0.0
100.0	55.0	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.7	2.7	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.3	-	0.0
100.0	80.0	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	90.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0
103.0	80.0	0.0	0.0	-	0.0	-	0.0	3.3	-	2.8	2.9	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
107.0	40.0	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	50.0	3.4	0.0	-	0.0	-	2.8	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Myctophum nitidulum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	60.0	0.0	0.0	–	6.2	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	70.0	4.1	0.0	–	0.0	–	3.1	0.0	–	3.4	0.0	–	0.0
107.0	80.0	0.0	7.1	–	5.7	–	0.0	3.3	–	0.0	0.0	–	0.0
110.0	45.0	0.0	0.0	–	0.0	–	3.2	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	9.0	3.2	–	0.0
113.0	50.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
113.0	60.0	2.7	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0
113.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.1	0.0	–	0.0
117.0	35.0	0.0	0.0	–	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	50.0	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
117.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	5.7
117.0	80.0	–	0.0	–	0.0	–	4.0	0.0	–	0.0	–	0.0	0.0
120.0	60.0	6.1	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	70.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	–	3.9	0.0
123.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0
127.0	60.0	–	–	3.5	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.7	0.0	–
133.0	35.0	–	–	0.0	0.0	–	2.9	0.0	–	–	0.0	0.0	0.0
137.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	0.0	5.8

Protomyctophum crockeri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	11.0	–	–	–	–	–	–	–	–	–	–	–
40.0	55.0	17.3	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	5.3	–	–	–	–	–	–	–	–	–	–	–
40.0	70.0	12.2	–	–	–	–	–	–	–	–	–	–	–
40.0	80.0	5.0	–	–	–	–	–	–	–	–	–	–	–
40.0	90.0	8.1	–	–	–	–	–	–	–	–	–	–	–
43.0	50.0	8.2	–	–	–	–	–	–	–	–	–	–	–
43.0	55.0	6.1	–	–	–	–	–	–	–	–	–	–	–
43.0	60.0	21.6	–	–	–	–	–	–	–	–	–	–	–
43.0	80.0	5.3	–	–	–	–	–	–	–	–	–	–	–
43.0	90.0	2.5	–	–	–	–	–	–	–	–	–	–	–
43.0	100.0	12.4	–	–	–	–	–	–	–	–	–	–	–
47.0	60.0	8.0	–	–	–	–	–	–	–	–	–	–	–
47.0	70.0	16.3	–	–	–	–	–	–	–	–	–	–	–
47.0	80.0	22.7	–	–	–	–	–	–	–	–	–	–	–
47.0	90.0	7.0	–	–	–	–	–	–	–	–	–	–	–
47.0	100.0	12.3	–	–	–	–	–	–	–	–	–	–	–
47.0	120.0	6.3	–	–	–	–	–	–	–	–	–	–	–
50.0	47.0	–	5.1	–	–	–	–	–	–	–	–	–	–
50.0	50.0	–	14.4	–	–	–	–	–	–	–	–	–	–
50.0	55.0	–	18.5	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 60.0	-	13.4	-	-	-	-	-	-	-	-	-	-
50.0 100.0	-	6.7	-	-	-	-	-	-	-	-	-	-
50.0 120.0	14.1	-	-	-	-	-	-	-	-	-	-	-
53.0 55.0	-	3.0	-	-	-	-	-	-	-	-	-	-
53.0 80.0	-	9.3	-	-	-	-	-	-	-	-	-	-
53.0 90.0	-	15.3	-	-	-	-	-	-	-	-	-	-
53.0 100.0	-	12.9	-	-	-	-	-	-	-	-	-	-
57.0 80.0	-	5.6	-	-	-	-	-	-	-	-	-	-
57.0 90.0	-	20.5	-	-	-	-	-	-	-	-	-	-
57.0 100.0	-	9.3	-	-	-	-	-	-	-	-	-	-
57.0 120.0	-	3.0	-	-	-	-	-	-	-	-	-	-
60.0 55.0	11.4	2.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 60.0	9.0	5.9	-	-	0.0	-	0.0	0.0	-	3.3	0.0	-
60.0 65.0	5.6	0.0	-	-	3.4	-	3.4	0.0	-	3.7	0.0	-
60.0 70.0	0.0	0.0	-	-	0.0	-	4.9	0.0	-	3.2	6.0	-
60.0 80.0	3.3	28.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0 90.0	10.0	0.0	-	-	12.9	-	2.8	6.4	-	0.0	0.0	-
60.0 120.0	-	14.8	-	-	-	-	-	-	-	-	-	-
63.0 55.0	6.4	1.5	-	-	0.0	-	3.6	3.4	-	3.0	2.6	-
63.0 60.0	6.6	8.9	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
63.0 65.0	3.0	0.0	-	-	4.2	-	4.5	0.0	-	0.0	0.0	-
63.0 70.0	13.3	29.6	-	-	0.0	-	8.1	3.4	-	3.5	0.0	-
63.0 80.0	3.2	0.0	-	-	-	-	-	0.0	-	0.0	0.0	-
63.0 90.0	6.4	0.0	-	-	6.6	-	0.0	9.9	-	3.3	0.0	-
63.0 100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
63.0 120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0 48.0	0.0	0.0	-	-	0.0	-	0.0	2.1	-	0.0	0.0	-
67.0 50.0	6.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 55.0	0.0	5.1	-	-	0.0	-	3.6	0.0	-	0.0	0.0	-
67.0 60.0	0.0	4.9	-	-	3.4	-	0.0	-	-	0.0	0.0	-
67.0 65.0	11.9	5.1	-	-	7.5	-	0.0	3.4	-	3.2	0.0	-
67.0 70.0	9.8	8.5	-	-	3.4	-	0.0	0.0	-	3.1	3.3	-
67.0 80.0	3.0	4.9	-	-	-	-	0.0	3.4	-	3.5	0.0	-
67.0 90.0	0.0	1.7	-	-	0.0	-	3.9	3.2	-	0.0	0.0	-
70.0 51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
70.0 53.0	0.0	6.8	-	-	0.0	-	0.0	3.1	-	0.0	3.2	-
70.0 60.0	13.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 65.0	0.0	7.7	-	-	0.0	-	3.3	0.0	-	10.0	0.0	-
70.0 70.0	9.9	7.9	-	-	3.4	-	0.0	3.0	-	0.0	0.0	-
70.0 75.0	-	7.5	-	-	0.0	-	-	0.0	-	-	0.0	-
70.0 80.0	7.8	3.1	-	-	0.0	-	15.1	0.0	-	0.0	11.3	-
70.0 90.0	12.0	9.7	-	-	0.0	-	0.0	6.4	-	0.0	0.0	-
70.0 100.0	-	8.6	-	-	3.4	-	-	0.0	-	-	6.1	-
70.0 110.0	-	3.1	-	-	0.0	-	-	0.0	-	-	-	-
70.0 120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
73.0 50.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	3.0	9.2	-	-	0.0	-	0.0	0.0	-	0.0	3.1	-
73.0	60.0	6.3	5.4	-	-	0.0	-	0.0	16.8	-	0.0	6.3	-
73.0	65.0	12.2	3.2	-	-	0.0	-	13.9	5.2	-	0.0	0.0	-
73.0	70.0	5.0	5.1	-	-	0.0	-	12.0	11.0	-	0.0	0.0	-
73.0	80.0	6.0	3.3	-	-	0.0	-	0.0	0.0	-	6.5	3.0	-
73.0	90.0	13.9	7.7	-	-	7.0	-	0.0	0.0	-	6.3	9.0	-
73.0	100.0	-	13.4	-	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	9.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	0.0	4.7	-	-	0.0	-	0.0	0.0	-	6.5	0.0	-
77.0	60.0	0.0	5.2	-	-	0.0	-	8.1	0.0	-	3.5	2.8	-
77.0	65.0	3.1	6.8	-	-	0.0	-	6.7	0.0	-	0.0	6.1	-
77.0	70.0	0.0	6.2	-	-	0.0	-	6.4	3.6	-	3.5	11.6	-
77.0	80.0	13.6	0.0	-	3.3	3.7	-	3.5	0.0	-	33.8	12.0	-
77.0	90.0	8.9	12.0	-	0.0	0.0	-	2.9	0.0	-	3.1	3.1	-
77.0	100.0	-	19.0	-	-	-	-	-	-	-	-	-	-
77.0	120.0	-	6.4	-	-	-	-	-	-	-	-	-	-
80.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	2.8	-
80.0	52.0	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-	9.0	0.0	-
80.0	55.0	3.4	3.8	-	3.4	4.1	-	0.0	3.4	-	3.4	0.0	-
80.0	60.0	13.2	4.4	-	0.0	10.0	-	0.0	0.0	-	3.3	0.0	-
80.0	65.0	6.6	0.0	-	5.9	0.0	-	0.0	0.0	-	12.5	6.1	-
80.0	70.0	13.4	-	-	3.2	3.7	-	6.3	3.0	-	-	11.8	-
80.0	80.0	3.0	0.0	-	19.7	3.4	-	6.2	0.0	-	0.0	6.0	-
80.0	90.0	13.0	6.0	-	0.0	3.3	-	21.9	8.0	-	9.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	0.0	-
83.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	1.8	-	0.0	0.0	-
83.0	55.0	3.3	0.0	-	0.0	3.7	-	0.0	0.0	-	7.2	8.3	-
83.0	60.0	9.3	7.0	-	0.0	3.8	-	3.6	0.0	-	12.6	0.0	-
83.0	70.0	12.8	0.0	-	6.8	0.0	-	0.0	0.0	-	3.0	3.2	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	6.4	-
83.0	90.0	3.2	0.0	-	6.8	0.0	-	3.1	12.2	-	0.0	3.0	-
85.0	60.0	-	-	-	10.5	-	-	-	-	-	-	-	-
87.0	35.0	3.4	0.0	-	0.0	0.0	-	0.0	-	2.7	7.0	-	0.0
87.0	40.0	3.3	0.0	-	0.0	0.0	-	0.0	-	3.3	3.5	-	0.0
87.0	45.0	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0	3.3	-	0.0
87.0	50.0	0.0	2.9	-	0.0	0.0	-	0.0	-	1.9	0.0	-	0.0
87.0	55.0	0.0	10.2	-	0.0	0.0	-	0.0	-	11.2	6.6	-	3.1
87.0	60.0	0.0	6.8	-	-	0.0	-	0.0	-	0.0	3.5	3.1	-
87.0	70.0	26.5	12.6	-	11.8	0.0	-	7.1	-	3.2	0.0	3.1	-
87.0	80.0	13.6	0.0	-	0.0	6.6	-	3.2	-	0.0	10.1	0.0	-
87.0	90.0	17.3	3.3	-	10.7	6.5	-	0.0	-	3.5	16.5	5.9	-
90.0	28.0	3.4	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	32.0	0.0	0.0	-	0.0	3.5	-	3.6	-	2.4	0.0	-	19.5
90.0	37.0	6.7	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	6.7
90.0	39.0	-	0.0	-	-	3.5	-	-	-	3.4	-	-	6.4
90.0	45.0	3.3	0.0	0.0	0.0	0.0	-	0.0	-	0.0	7.0	-	2.7

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	3.3	0.0	-	13.8	0.0	-	9.9	-	0.0	3.5	-	0.0
90.0	60.0	0.0	0.0	6.9	0.0	3.3	-	6.9	-	0.0	0.0	-	0.0
90.0	65.0	-	-	3.6	-	-	-	-	-	-	-	-	-
90.0	70.0	0.0	10.0	-	9.6	22.3	-	0.0	-	10.8	10.3	-	5.4
90.0	80.0	6.5	9.0	-	0.0	3.2	-	21.0	-	3.1	3.3	-	2.5
90.0	90.0	12.7	0.0	-	0.0	3.1	-	8.9	-	2.9	3.2	-	2.9
90.0	100.0	19.0	-	-	13.4	-	-	3.0	-	-	6.7	-	-
90.0	120.0	3.2	-	-	-	-	-	3.0	-	-	3.1	-	-
90.0	140.0	6.5	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	0.0	-	0.0	0.0	-	5.6	-	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0	-	6.6
93.0	35.0	0.0	0.0	-	3.2	13.3	-	2.8	-	0.0	0.0	-	0.0
93.0	40.0	6.4	0.0	-	0.0	5.9	-	3.2	-	0.0	0.0	-	0.0
93.0	45.0	12.5	6.2	-	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0
93.0	50.0	13.6	6.3	-	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
93.0	55.0	0.0	16.1	-	3.2	6.4	-	0.0	-	-	3.2	-	0.0
93.0	60.0	0.0	9.1	-	2.7	14.4	-	0.0	-	8.3	3.2	-	0.0
93.0	70.0	0.0	0.0	-	13.5	9.7	-	9.2	-	0.0	0.0	-	9.3
93.0	80.0	18.9	0.0	-	28.9	0.0	-	3.1	-	3.0	0.0	-	17.6
93.0	90.0	50.7	9.8	-	32.0	3.1	-	8.6	-	2.8	2.8	-	0.0
93.0	100.0	6.7	-	-	6.4	-	-	15.4	-	-	0.0	-	-
93.0	120.0	9.6	-	-	3.1	-	-	6.1	-	-	3.2	-	-
93.0	140.0	-	-	-	0.0	-	-	2.8	-	-	6.3	-	-
97.0	30.0	0.0	2.5	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	3.4	4.4	-	0.0	6.0	-	0.0
97.0	35.0	18.1	3.1	-	3.2	-	17.0	3.7	-	3.0	10.2	-	9.5
97.0	40.0	0.0	22.3	-	0.0	-	6.4	3.0	-	9.4	3.3	-	3.0
97.0	45.0	19.0	6.4	-	0.0	-	27.1	3.8	-	0.0	3.3	-	0.0
97.0	50.0	2.9	24.9	-	10.0	-	20.1	4.9	-	6.0	0.0	-	0.0
97.0	55.0	3.2	0.0	-	3.1	-	3.7	4.0	-	0.0	0.0	-	3.3
97.0	60.0	0.0	5.3	-	3.1	-	3.0	0.0	-	4.7	6.2	-	0.0
97.0	70.0	21.8	-	-	9.3	-	5.9	9.1	-	0.0	6.2	-	0.0
97.0	80.0	14.6	-	-	22.9	-	12.4	3.4	-	0.0	2.8	-	0.0
97.0	90.0	17.5	-	-	3.0	-	3.0	0.0	-	11.8	3.0	-	3.1
100.0	29.0	0.0	0.0	-	2.7	-	12.1	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	6.2	-	0.0	0.0	-	0.0	0.0	-	3.1
100.0	35.0	3.1	3.1	-	2.9	-	0.0	13.7	-	3.0	9.6	-	3.0
100.0	40.0	0.0	6.5	-	0.0	-	0.0	6.8	-	0.0	16.1	-	3.1
100.0	45.0	5.3	0.0	-	11.6	-	0.0	9.3	-	13.7	5.9	-	8.9
100.0	50.0	0.0	3.3	-	0.0	-	4.4	0.0	-	0.0	0.0	-	0.0
100.0	55.0	0.0	3.3	-	5.7	-	6.4	0.0	-	0.0	0.0	-	0.0
100.0	60.0	3.5	16.1	-	9.5	-	19.3	0.0	-	3.7	2.7	-	6.2
100.0	70.0	10.9	6.5	-	10.0	-	3.2	8.5	-	25.7	16.7	-	6.1
100.0	80.0	8.9	17.5	-	9.2	-	9.4	4.3	-	3.5	3.3	-	20.9
100.0	90.0	3.0	0.0	-	15.4	-	0.0	13.5	-	14.6	0.0	-	8.5

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	16.8	-	0.0
103.0	35.0	3.0	13.3	-	9.5	-	3.4	7.2	-	3.5	0.0	-	0.0
103.0	40.0	6.7	0.0	-	2.8	-	0.0	19.8	-	10.8	8.6	-	0.0
103.0	45.0	2.8	10.7	-	3.1	-	0.0	8.4	-	0.0	0.0	-	12.0
103.0	50.0	0.0	7.0	-	3.4	-	3.5	17.2	-	0.0	5.7	-	3.2
103.0	55.0	18.6	0.0	-	2.7	-	0.0	0.0	-	3.3	3.4	-	6.3
103.0	60.0	3.4	29.8	-	0.0	-	15.1	0.0	-	6.5	0.0	-	6.7
103.0	70.0	3.0	16.5	-	24.6	-	13.2	14.3	-	13.0	5.2	-	0.0
103.0	80.0	10.0	0.0	-	12.3	-	0.0	3.3	-	5.5	5.8	-	3.0
107.0	31.0	0.0	0.0	-	1.7	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	12.0	3.4	-	0.0	3.3	-	0.0
107.0	35.0	0.0	0.0	-	22.4	-	3.5	15.0	-	21.3	12.7	-	3.5
107.0	40.0	6.6	14.7	-	6.1	-	3.9	13.6	-	0.0	0.0	-	15.7
107.0	45.0	27.7	0.0	-	18.3	-	12.6	3.7	-	3.2	3.1	-	6.5
107.0	50.0	6.9	0.0	-	16.3	-	22.2	3.2	-	3.2	11.5	-	0.0
107.0	55.0	9.6	10.8	-	15.1	-	16.1	3.5	-	2.9	5.8	-	8.7
107.0	60.0	3.3	0.0	-	12.4	-	16.5	0.0	-	2.8	9.3	-	2.9
107.0	70.0	0.0	0.0	-	16.0	-	3.1	3.1	-	3.4	2.8	-	0.0
107.0	80.0	0.0	0.0	-	0.0	-	5.9	3.3	-	0.0	9.1	-	24.2
110.0	35.0	0.0	0.0	-	0.0	-	3.1	3.4	-	0.0	0.0	-	0.0
110.0	40.0	0.0	16.8	-	6.6	-	6.4	0.0	-	3.4	0.0	-	3.1
110.0	45.0	12.0	3.2	-	0.0	-	22.3	12.2	-	0.0	2.8	-	2.8
110.0	50.0	3.0	0.0	-	0.0	-	9.1	0.0	-	2.7	0.0	-	3.0
110.0	60.0	0.0	0.0	-	9.8	-	3.5	0.0	-	3.1	0.0	-	0.0
110.0	70.0	11.6	0.0	-	0.0	-	3.1	0.0	-	3.2	0.0	-	3.1
110.0	80.0	0.0	0.0	-	9.0	-	6.1	3.3	-	3.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	3.4	-	3.3	0.0	-	18.1	0.0	-	0.0
113.0	40.0	6.2	0.0	-	23.8	-	2.9	3.4	-	3.3	0.0	-	0.0
113.0	45.0	0.0	3.6	-	9.0	-	0.0	0.0	-	0.0	0.0	-	9.0
113.0	50.0	0.0	7.2	-	9.4	-	0.0	0.0	-	3.2	0.0	-	8.9
113.0	60.0	0.0	0.0	-	3.0	-	2.9	0.0	-	0.0	20.5	-	12.3
113.0	70.0	0.0	0.0	-	3.1	-	9.0	6.8	-	3.2	3.2	-	9.2
113.0	80.0	6.4	0.0	-	75.3	-	3.1	0.0	-	21.4	9.4	-	0.0
117.0	35.0	0.0	0.0	-	5.4	-	6.4	16.1	-	0.0	0.0	-	0.0
117.0	40.0	0.0	7.6	-	14.9	-	4.2	7.5	-	7.2	0.0	-	0.0
117.0	50.0	0.0	3.5	-	2.8	-	0.0	0.0	-	6.3	-	0.0	0.0
117.0	60.0	0.0	3.5	-	9.5	-	3.7	9.6	-	0.0	-	7.0	8.9
117.0	70.0	0.0	0.0	-	0.0	-	10.0	6.6	-	9.5	-	3.0	5.7
117.0	80.0	-	0.0	-	0.0	-	20.0	0.0	-	0.0	-	9.2	17.8
120.0	45.0	0.0	-	8.6	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	3.0	-	0.0	0.0	-	2.9	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-	3.3
120.0	60.0	0.0	-	0.0	0.0	-	6.4	3.2	-	3.3	-	3.1	0.0
120.0	70.0	3.1	-	0.0	0.0	-	0.0	0.0	-	3.1	-	3.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	3.3	15.4

TABLE 4. (con)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0 37.0	-	-	0.0	0.0	-	3.8	0.0	-	0.0	-	0.0	0.0
123.0 42.0	-	-	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	2.8
123.0 45.0	-	-	0.0	2.8	-	0.0	3.3	-	0.0	-	6.0	6.0
123.0 50.0	-	-	0.0	0.0	-	0.0	3.4	-	0.0	-	6.2	15.1
123.0 60.0	-	-	0.0	0.0	-	0.0	3.3	-	9.4	-	0.0	0.0
127.0 34.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	2.6	-	0.0
127.0 40.0	-	-	0.0	0.0	-	3.4	0.0	-	-	0.0	0.0	0.0
127.0 45.0	-	-	0.0	3.1	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0 50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	8.9
127.0 60.0	-	-	0.0	0.0	-	3.1	3.1	-	-	0.0	3.3	0.0
130.0 45.0	-	-	0.0	0.0	-	15.2	3.2	-	-	0.0	0.0	-
133.0 50.0	-	-	0.0	0.0	-	0.0	3.3	-	-	0.0	0.0	-
137.0 40.0	-	-	3.4	0.0	-	0.0	0.0	-	-	0.0	0.0	-
137.0 60.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	11.8	-

Protomyctophum thompsoni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 90.0	2.0	-	-	-	-	-	-	-	-	-	-	-
40.0 100.0	14.5	-	-	-	-	-	-	-	-	-	-	-
43.0 55.0	3.0	-	-	-	-	-	-	-	-	-	-	-
43.0 60.0	9.2	-	-	-	-	-	-	-	-	-	-	-
43.0 70.0	3.5	-	-	-	-	-	-	-	-	-	-	-
47.0 70.0	3.3	-	-	-	-	-	-	-	-	-	-	-
47.0 90.0	3.5	-	-	-	-	-	-	-	-	-	-	-
50.0 60.0	-	2.2	-	-	-	-	-	-	-	-	-	-
53.0 90.0	-	3.1	-	-	-	-	-	-	-	-	-	-

Symbolophorus californiensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 90.0	0.0	1.7	-	-	6.4	-	0.0	0.0	-	0.0	0.0	-
67.0 100.0	-	5.8	-	-	-	-	-	-	-	-	-	-
70.0 90.0	2.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 100.0	-	0.0	-	-	0.0	-	-	0.0	-	-	3.0	-
70.0 110.0	-	0.0	-	-	7.6	-	-	0.0	-	-	-	-
73.0 60.0	0.0	0.0	-	-	0.0	-	0.0	5.6	-	0.0	0.0	-
73.0 65.0	0.0	0.0	-	-	0.0	-	0.0	2.6	-	0.0	0.0	-
73.0 90.0	0.0	0.0	-	-	10.4	-	10.3	0.0	-	0.0	0.0	-
77.0 65.0	0.0	0.0	-	-	0.6	-	0.0	3.5	-	0.0	0.0	-
77.0 80.0	0.0	0.0	-	0.0	0.0	-	3.5	0.0	-	3.8	0.0	-
77.0 90.0	0.0	0.0	-	3.4	14.3	-	17.6	0.0	-	3.1	0.0	-
80.0 60.0	0.0	4.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 65.0	0.0	0.0	-	0.0	2.9	-	3.2	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	3.3	–	–	0.0	7.4	–	6.3	0.0	–	–	0.0	–
80.0	80.0	0.0	3.9	–	0.0	0.0	–	9.3	0.0	–	0.0	0.0	–
80.0	90.0	3.3	3.0	–	0.0	3.3	–	12.5	4.0	–	3.0	6.1	–
83.0	51.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.6	–
83.0	70.0	0.0	0.0	–	0.0	7.3	–	0.0	0.0	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	6.2	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	6.8	6.9	–	36.7	9.1	–	0.0	0.0	–
87.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	1.9	0.0	–	0.0
87.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	–	5.6	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	6.7	–	0.0	3.5	3.1	–
87.0	70.0	0.0	0.0	–	0.0	0.0	–	3.6	–	3.2	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	19.7	–	0.0	–	0.0	10.1	0.0	–
87.0	90.0	0.0	0.0	–	0.0	3.3	–	16.4	–	6.9	3.3	0.0	–
90.0	53.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0
90.0	60.0	0.0	0.0	0.0	3.2	0.0	–	0.0	–	8.7	0.0	–	0.0
90.0	70.0	0.0	0.0	–	3.2	0.0	–	15.7	–	0.0	0.0	–	2.7
90.0	80.0	0.0	0.0	–	0.0	0.0	–	6.0	–	3.1	3.3	–	2.5
90.0	90.0	3.2	0.0	–	0.0	0.0	–	3.0	–	0.0	3.2	–	11.5
90.0	100.0	0.0	–	–	10.0	–	–	0.0	–	–	3.3	–	–
90.0	120.0	6.5	–	–	–	–	–	21.0	–	–	0.0	–	–
90.0	140.0	3.3	–	–	0.0	–	–	0.0	–	–	6.5	–	–
93.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	3.1	–	0.0
93.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8	0.0	–	3.2
93.0	70.0	0.0	0.0	–	0.0	0.0	–	9.2	–	0.0	0.0	–	0.0
93.0	80.0	0.0	0.0	–	0.0	5.9	–	3.1	–	3.0	0.0	–	0.0
93.0	90.0	0.0	0.0	–	2.9	15.5	–	2.9	–	5.5	8.5	–	3.2
93.0	120.0	3.2	–	–	15.3	–	–	0.0	–	–	3.2	–	–
97.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	5.9	0.0	–	0.0
97.0	45.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
97.0	50.0	0.0	0.0	–	0.0	–	4.0	0.0	–	3.0	0.0	–	0.0
97.0	55.0	0.0	3.1	–	6.2	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	60.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
97.0	70.0	0.0	–	–	0.0	–	0.0	4.5	–	0.0	0.0	–	0.0
97.0	80.0	0.0	–	–	0.0	–	3.1	13.4	–	0.0	8.4	–	0.0
97.0	90.0	0.0	–	–	14.9	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
100.0	55.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	6.3	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	80.0	3.0	3.5	–	0.0	–	3.1	4.3	–	0.0	6.7	–	3.0
103.0	45.0	0.0	0.0	–	0.0	–	0.0	4.2	–	0.0	0.0	–	0.0
103.0	50.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0	0.0	–	3.2
103.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	3.4	–	0.0
103.0	60.0	3.4	0.0	–	0.0	–	0.0	0.0	–	6.5	10.2	–	0.0
103.0	70.0	0.0	0.0	–	0.0	–	6.6	3.6	–	3.3	0.0	–	0.0
103.0	80.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	40.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	3.3	–	0.0
107.0	45.0	0.0	3.6	–	6.1	–	9.4	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	0.0	–	6.5	–	11.1	0.0	–	0.0	0.0	–	0.0
107.0	55.0	0.0	3.6	–	6.0	–	9.7	0.0	–	2.9	0.0	–	0.0
107.0	60.0	0.0	0.0	–	3.1	–	0.0	3.0	–	2.8	0.0	–	0.0
107.0	70.0	0.0	0.0	–	0.0	–	18.5	0.0	–	0.0	0.0	–	0.0
107.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	21.4	0.0	–	3.0
110.0	40.0	0.0	0.0	–	0.0	–	3.2	4.0	–	0.0	0.0	–	0.0
110.0	45.0	3.0	0.0	–	0.0	–	6.4	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	0.0	–	0.0	–	6.1	0.0	–	0.0	0.0	–	0.0
110.0	70.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
113.0	80.0	0.0	0.0	–	0.0	–	3.1	6.8	–	0.0	0.0	–	0.0
117.0	30.0	0.0	0.0	–	0.0	–	0.0	2.1	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	3.0	–	4.2	0.0	–	0.0	0.0	–	0.0
117.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	0.0	5.9
120.0	35.0	0.0	–	0.0	2.6	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	5.8	–	0.0	0.0
120.0	60.0	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	2.8	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	50.0	–	–	0.0	5.7	–	0.0	0.0	–	0.0	–	0.0	0.0

Tarletonbeania crenularis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	20.6	–	–	–	–	–	–	–	–	–	–	–
40.0	50.0	11.0	–	–	–	–	–	–	–	–	–	–	–
40.0	55.0	21.6	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	10.6	–	–	–	–	–	–	–	–	–	–	–
40.0	90.0	2.0	–	–	–	–	–	–	–	–	–	–	–
43.0	42.0	3.3	–	–	–	–	–	–	–	–	–	–	–
43.0	45.0	19.9	–	–	–	–	–	–	–	–	–	–	–
43.0	50.0	13.7	–	–	–	–	–	–	–	–	–	–	–
43.0	55.0	15.2	–	–	–	–	–	–	–	–	–	–	–
43.0	60.0	15.4	–	–	–	–	–	–	–	–	–	–	–
43.0	70.0	3.5	–	–	–	–	–	–	–	–	–	–	–
43.0	80.0	5.3	–	–	–	–	–	–	–	–	–	–	–
43.0	90.0	7.5	–	–	–	–	–	–	–	–	–	–	–
43.0	100.0	15.5	–	–	–	–	–	–	–	–	–	–	–
47.0	50.0	20.1	–	–	–	–	–	–	–	–	–	–	–
47.0	55.0	3.6	–	–	–	–	–	–	–	–	–	–	–
47.0	60.0	13.3	–	–	–	–	–	–	–	–	–	–	–
47.0	70.0	9.8	–	–	–	–	–	–	–	–	–	–	–
47.0	80.0	38.9	–	–	–	–	–	–	–	–	–	–	–
47.0	90.0	3.5	–	–	–	–	–	–	–	–	–	–	–
50.0	47.0	–	2.6	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	50.0	–	23.0	–	–	–	–	–	–	–	–	–	–
50.0	55.0	–	9.3	–	–	–	–	–	–	–	–	–	–
50.0	60.0	–	20.2	–	–	–	–	–	–	–	–	–	–
50.0	80.0	–	13.0	–	–	–	–	–	–	–	–	–	–
50.0	90.0	–	3.7	–	–	–	–	–	–	–	–	–	–
50.0	100.0	–	59.9	–	–	–	–	–	–	–	–	–	–
50.0	120.0	14.1	–	–	–	–	–	–	–	–	–	–	–
53.0	52.0	–	8.7	–	–	–	–	–	–	–	–	–	–
53.0	55.0	–	17.7	–	–	–	–	–	–	–	–	–	–
53.0	70.0	–	9.1	–	–	–	–	–	–	–	–	–	–
53.0	80.0	–	21.7	–	–	–	–	–	–	–	–	–	–
53.0	100.0	–	9.7	–	–	–	–	–	–	–	–	–	–
57.0	55.0	–	3.2	–	–	–	–	–	–	–	–	–	–
57.0	60.0	–	8.8	–	–	–	–	–	–	–	–	–	–
57.0	70.0	–	2.9	–	–	–	–	–	–	–	–	–	–
57.0	80.0	–	19.6	–	–	–	–	–	–	–	–	–	–
57.0	90.0	–	5.9	–	–	–	–	–	–	–	–	–	–
60.0	50.0	5.2	0.0	–	–	0.0	–	0.0	3.1	–	0.0	–	–
60.0	52.0	2.8	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	55.0	14.3	37.5	–	–	3.3	–	4.5	0.0	–	0.0	0.0	–
60.0	60.0	18.0	5.9	–	–	0.0	–	3.4	6.5	–	6.5	37.6	–
60.0	65.0	14.0	2.7	–	–	3.4	–	17.1	3.2	–	0.0	10.1	–
60.0	70.0	21.9	0.0	–	–	0.0	–	4.9	5.6	–	0.0	36.0	–
60.0	80.0	23.3	19.0	–	–	3.8	–	10.4	3.0	–	0.0	52.0	–
60.0	90.0	10.0	0.0	–	–	3.2	–	0.0	12.9	–	9.1	0.0	–
63.0	50.0	1.4	0.0	–	–	0.0	–	0.0	0.0	–	10.8	1.8	–
63.0	52.0	12.7	4.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	9.5	1.5	–	–	3.0	–	3.6	6.7	–	15.1	18.1	–
63.0	60.0	13.2	3.0	–	–	0.0	–	23.1	3.3	–	0.0	0.0	–
63.0	65.0	21.0	9.0	–	–	0.0	–	18.0	10.6	–	13.8	3.3	–
63.0	70.0	29.9	5.9	–	–	3.2	–	20.2	10.3	–	10.4	0.0	–
63.0	80.0	0.0	0.0	–	–	–	–	–	13.7	–	21.0	0.0	–
63.0	90.0	3.2	0.0	–	–	3.3	–	0.0	0.0	–	23.2	0.0	–
67.0	48.0	0.0	0.0	–	–	0.0	–	1.7	0.0	–	3.9	0.0	–
67.0	50.0	0.0	1.6	–	–	0.0	–	3.5	2.2	–	98.1	0.0	–
67.0	55.0	12.9	5.1	–	–	0.0	–	7.2	3.4	–	57.5	0.0	–
67.0	60.0	9.8	1.6	–	–	0.0	–	0.0	–	–	10.7	38.9	–
67.0	65.0	14.9	5.0	–	–	0.0	–	7.0	10.3	–	15.8	3.3	–
67.0	70.0	9.8	19.0	–	–	3.4	–	7.2	11.5	–	0.0	0.0	–
67.0	80.0	3.0	1.6	–	–	–	–	7.7	3.4	–	3.5	0.0	–
67.0	90.0	6.6	0.0	–	–	0.0	–	23.6	0.0	–	30.1	3.1	–
70.0	51.0	0.0	0.0	–	–	6.5	–	0.0	13.1	–	0.0	39.0	–
70.0	53.0	0.0	5.0	–	–	2.9	–	0.0	0.0	–	0.0	9.5	–
70.0	60.0	46.2	3.3	–	–	3.7	–	3.4	3.6	–	5.9	3.4	–
70.0	65.0	28.1	12.0	–	–	0.0	–	6.7	3.2	–	0.0	0.0	–
70.0	70.0	13.2	4.7	–	–	0.0	–	0.0	30.1	–	3.0	0.0	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	75.0	–	11.3	–	–	3.4	–	–	0.0	–	–	8.5	–
70.0	80.0	2.6	21.6	–	–	0.0	–	7.6	23.1	–	0.0	5.7	–
70.0	90.0	2.4	0.0	–	–	0.0	–	3.1	0.0	–	5.9	0.0	–
70.0	100.0	–	0.0	–	–	0.0	–	–	0.0	–	–	30.5	–
73.0	50.0	0.0	0.0	–	–	3.0	–	0.0	0.0	–	0.0	0.0	–
73.0	53.0	0.0	1.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	22.0	4.1	–	–	0.0	–	6.8	5.6	–	0.0	3.1	–
73.0	65.0	18.2	8.1	–	–	3.4	–	3.5	7.8	–	0.0	0.0	–
73.0	70.0	34.9	5.1	–	–	0.0	–	36.0	0.0	–	0.0	2.8	–
73.0	80.0	18.1	6.2	–	–	0.0	–	4.0	3.3	–	6.5	6.0	–
73.0	90.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	6.3	38.9	–
77.0	51.0	0.0	3.5	–	–	0.0	–	0.0	0.0	–	0.0	7.1	–
77.0	55.0	0.0	3.4	–	–	0.0	–	3.3	0.0	–	0.0	5.4	–
77.0	60.0	3.4	0.0	–	–	0.0	–	4.1	3.3	–	0.0	0.0	–
77.0	65.0	6.1	5.2	–	–	0.0	–	0.0	10.4	–	0.0	3.0	–
77.0	70.0	2.7	3.2	–	–	0.0	–	0.0	7.2	–	7.1	5.8	–
77.0	80.0	13.6	1.7	–	0.0	0.0	–	0.0	0.0	–	0.0	6.0	–
77.0	90.0	11.9	7.4	–	0.0	0.0	–	2.9	3.2	–	0.0	0.0	–
80.0	52.0	0.0	0.0	–	6.4	4.1	–	0.0	0.0	–	0.0	0.0	–
80.0	55.0	0.0	3.8	–	0.0	4.1	–	0.0	3.4	–	0.0	0.0	–
80.0	65.0	0.0	3.3	–	0.0	5.8	–	0.0	9.8	–	3.1	0.0	–
80.0	70.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.9	–
80.0	80.0	9.1	0.0	–	0.0	0.0	–	3.1	8.6	–	0.0	0.0	–
80.0	90.0	6.5	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	55.0	3.3	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	60.0	3.1	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0	0.0	–
83.0	80.0	3.1	0.0	–	0.0	0.0	–	6.8	7.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	3.0	–	3.1	0.0	–
85.0	60.0	–	–	–	3.5	–	–	–	–	–	–	–	–
87.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.7	0.0	–	0.0
87.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	–	8.4	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	6.7	–	3.2	0.0	0.0	–
87.0	70.0	0.0	3.2	–	0.0	0.0	–	3.6	–	3.2	0.0	3.1	–
87.0	80.0	3.4	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0	0.0	–
87.0	90.0	3.5	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–
90.0	53.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0
90.0	70.0	0.0	3.3	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
90.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.9
93.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8	0.0	–	0.0
93.0	60.0	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	70.0	3.3	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.4	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	3.0
107.0	45.0	4.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	17.9

TABLE 4. (cont.)

Synodus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	1.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	50.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	0.0	2.7	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.5	0.0	–
113.0	29.0	0.0	0.0	–	0.0	–	0.0	0.0	–	15.8	23.6	–	0.0
113.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	15.8	14.3	–	0.0
117.0	25.0	2.0	0.0	–	0.0	–	0.0	0.0	–	30.5	28.3	–	2.7
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	77.7	71.0	–	0.0
117.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	2.8
117.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	20.4	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.4	–	0.0
117.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.8	–	0.0	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	5.7	0.0
118.0	39.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.5	18.1	–	0.0
119.0	33.0	0.0	0.0	–	0.0	–	0.0	0.0	–	86.0	0.0	–	2.9
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	12.7	296.7	–	11.4
120.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	22.5	1087.1	–	10.2
120.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	17.3	10.7	–	2.8
120.0	35.0	0.0	–	0.0	0.0	–	0.0	0.0	–	64.5	10.5	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	0.0	0.0	–	7.8	–	19.1	5.5
120.0	45.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	2.9	–	0.0	0.0
127.0	33.0	–	–	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0
127.0	34.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	2.6	–	2.7
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	9.4	0.0
130.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	7.7	0.0
130.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	3.2	0.0
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	0.0
133.0	25.0	–	–	0.0	0.0	–	0.0	0.0	–	–	14.9	2.8	0.0
133.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	8.3	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.8	0.0	7.4
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	15.9	0.0	0.0

Merluccius productus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	2.8	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	60.0	6.0	8.8	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	50.0	0.0	0.0	–	–	4.2	–	0.0	0.0	–	0.0	0.0	–
63.0	52.0	9.5	2.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	0.0	65.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	60.0	9.9	80.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	65.0	0.0	18.0	–	–	0.0	–	0.0	0.0	–	0.0	3.3	–
63.0	70.0	0.0	3.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 100.0	-	19.0	-	-	-	-	-	-	-	-	-	-
67.0 50.0	29.8	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 55.0	9.7	14.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 60.0	13.1	292.1	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0 65.0	20.8	23.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 70.0	6.5	3.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0 80.0	0.0	3.4	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0 90.0	0.0	132.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 51.0	3.5	0.0	-	-	35.8	-	0.0	0.0	-	0.0	0.0	-
70.0 53.0	31.9	49.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 60.0	3.3	72.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 65.0	3.5	29.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 70.0	6.6	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 75.0	-	3.8	-	-	0.0	-	-	0.0	-	-	0.0	-
70.0 80.0	0.0	3.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 90.0	0.0	5.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 100.0	-	3.5	-	-	0.0	-	-	0.0	-	-	0.0	-
73.0 50.0	16.3	16.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 53.0	89.7	237.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 60.0	3.1	6.8	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
73.0 65.0	0.0	4.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 70.0	2.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 80.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 90.0	0.0	40.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 48.0	0.0	2.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 51.0	118.3	27.9	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-
77.0 55.0	131.8	1194.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 60.0	0.0	1244.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 65.0	0.0	86.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 80.0	0.0	25.7	-	52.2	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 90.0	0.0	2.7	-	20.2	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 100.0	-	9.5	-	-	-	-	-	-	-	-	-	-
80.0 51.0	358.8	75.0	-	54.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 52.0	88.2	118.3	-	104.9	4.1	-	0.0	0.0	-	6.0	3.0	-
80.0 55.0	167.6	771.6	-	216.3	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 60.0	0.0	431.6	-	15.5	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 65.0	0.0	13.1	-	32.6	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 68.0	-	20.5	-	-	-	-	-	-	-	-	-	-
80.0 70.0	0.0	-	-	35.2	0.0	-	0.0	0.0	-	-	0.0	-
80.0 80.0	0.0	7.8	-	59.2	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 90.0	0.0	6.0	-	18.8	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0 47.0	144.9	-	-	87.8	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 40.0	0.0	1.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 43.0	219.0	433.1	-	56.3	4.1	-	7.1	0.0	-	0.0	0.0	-
83.0 51.0	259.6	230.3	-	110.8	8.5	-	0.0	0.0	-	0.0	10.8	-
83.0 55.0	727.0	378.4	-	184.4	7.4	-	0.0	0.0	-	3.6	2.8	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	84.0	420.0	-	278.8	19.2	-	0.0	0.0	-	0.0	3.0	-
83.0	70.0	0.0	37.1	-	54.7	10.9	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	3.0	-	40.6	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	90.0	0.0	423.9	-	61.6	0.0	-	0.0	0.0	-	0.0	0.0	-
85.0	60.0	-	-	-	315.9	-	-	-	-	-	-	-	-
87.0	33.0	0.0	0.0	-	2.6	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	35.0	72.2	427.6	-	150.0	9.9	-	0.0	-	0.0	3.5	-	0.0
87.0	40.0	458.3	1451.7	-	46.3	13.0	-	0.0	-	0.0	0.0	-	0.0
87.0	45.0	510.4	364.1	-	118.9	3.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	70.8	44.0	-	41.5	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	39.5	497.9	-	137.3	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	50.0	707.9	-	-	3.7	-	0.0	-	0.0	0.0	0.0	-
87.0	70.0	0.0	1606.5	-	20.6	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	3.4	8488.2	-	27.9	3.3	-	0.0	-	0.0	0.0	0.0	-
87.0	90.0	31.1	118.4	-	256.3	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	10.1	467.6	-	10.6	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	32.0	6.6	88.8	-	13.6	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	37.0	6.7	149.0	-	23.7	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	39.0	-	1238.9	-	-	7.1	-	-	-	0.0	-	-	0.0
90.0	45.0	110.5	636.3	513.0	74.8	2.8	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	89.1	483.2	-	1548.0	2.9	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	24.7	496.2	182.9	468.4	3.3	-	0.0	-	0.0	0.0	-	0.0
90.0	65.0	-	-	3.6	-	-	-	-	-	-	-	-	-
90.0	70.0	0.0	29.9	-	6.4	6.4	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	9.5	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	0.0	-	-	10.0	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	81.6	-	23.5	2.7	-	2.8	-	0.0	0.0	-	0.0
93.0	28.0	0.0	195.2	-	53.2	3.1	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	3.3	293.3	-	36.5	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	305.0	-	61.6	6.6	-	0.0	-	0.0	0.0	-	0.6
93.0	40.0	0.0	47.9	-	6.2	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	45.0	18.7	373.2	-	59.8	2.9	-	0.0	-	0.0	0.0	-	0.0
93.0	50.0	0.0	194.7	-	35.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	135.2	-	258.3	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	33.2	-	243.9	7.2	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	6.8	12.9	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	8.7	0.0	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	0.0	39.5	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.0	15.6	-	18.1	-	0.0	2.8	-	0.0	0.0	-	0.0
97.0	30.0	0.0	22.8	-	28.4	-	0.0	6.3	-	0.0	0.0	-	0.0
97.0	32.0	0.0	22.0	-	135.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	35.0	0.0	72.0	-	44.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	40.0	0.0	9.5	-	91.8	-	3.2	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	58.0	-	25.8	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	3.1	-	45.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	55.0	0.0	0.0	-	12.4	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	12.3	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	12.4	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	6.5	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	39.0	-	91.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	3.0	31.8	-	93.3	-	0.0	7.2	-	0.0	0.0	-	0.0
100.0	35.0	0.0	194.1	-	5.9	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	0.0	16.1	-	144.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	45.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	6.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0
100.0	80.0	0.0	3.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	25.8	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	35.0	5.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	70.0	0.0	3.3	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	31.0	0.0	46.3	-	10.3	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	6.4	160.6	-	53.6	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	60.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	40.0	0.0	33.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	3.6	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
110.0	32.0	0.0	59.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	35.0	6.8	1183.3	-	5.8	-	0.0	0.0	-	0.0	0.0	-	2.9
110.0	40.0	12.3	214.4	-	23.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	6.0	0.0	-	21.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	4.3	-	1.3	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	30.0	0.0	0.0	-	1.9	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	3.1	13.7	-	23.7	-	3.3	0.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	1076.2	-	38.7	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	7.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	18.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	17.9	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	26.0	0.0	6.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	30.0	0.0	59.0	-	0.0	-	0.0	2.1	-	0.0	0.0	-	0.0
117.0	35.0	20.3	11.2	-	0.0	-	0.0	0.0	-	2.9	0.0	-	2.9
117.0	40.0	3.2	204.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	31.8
117.0	45.0	0.0	53.8	-	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	14.1	-	19.7	-	0.0	0.0	-	0.0	-	0.0	0.0
118.0	39.0	24.1	74.8	-	5.7	-	0.0	0.0	-	0.0	0.0	-	53.6
119.0	33.0	0.0	3.4	-	2.7	-	0.0	0.0	-	0.0	0.0	-	2.9
120.0	24.0	0.0	5.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	0.0	10.6	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	0.0	-	74.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	9.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	36.0	-	-	14.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	37.0	-	-	64.6	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	42.0	-	-	40.4	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	5.7	-	0.0	3.3	-	0.0	-	0.0	0.0
127.0	33.0	-	-	14.3	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
127.0	34.0	-	-	171.5	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
127.0	40.0	-	-	33.2	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	45.0	-	-	13.9	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	50.0	-	-	3.5	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
127.0	60.0	-	-	0.0	0.0	-	3.1	3.1	-	-	0.0	0.0	0.0
130.0	28.0	-	-	62.7	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	30.0	-	-	19.4	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	35.0	-	-	84.6	0.0	-	0.0	0.0	-	-	0.0	0.0	11.2
130.0	40.0	-	-	134.2	0.0	-	0.0	0.0	-	-	0.0	0.0	3.0
130.0	45.0	-	-	10.1	0.0	-	0.0	0.0	-	-	0.0	0.0	-
133.0	25.0	-	-	18.4	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	30.0	-	-	527.1	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	35.0	-	-	105.6	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	40.0	-	-	17.0	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	50.0	-	-	30.5	0.0	-	0.0	0.0	-	-	0.0	0.0	-
133.0	60.0	-	-	7.2	0.0	-	0.0	0.0	-	-	0.0	0.0	-
137.0	30.0	-	-	51.5	0.0	-	0.0	0.0	-	-	0.0	0.0	8.8
137.0	35.0	-	-	53.1	2.9	-	0.0	0.0	-	-	0.0	0.0	0.0
137.0	40.0	-	-	57.8	0.0	-	0.0	0.0	-	-	0.0	0.0	-

Physiculus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	35.0	-	-	0.0	0.0	-	2.7	0.0	-	-	0.0	0.0	0.0
133.0	35.0	-	-	0.0	2.8	-	0.0	0.0	-	-	0.0	0.0	0.0

Macrouridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	2.6	-	-	-	-	-	-	-	-	-	-	-
50.0	60.0	-	2.2	-	-	-	-	-	-	-	-	-	-
63.0	90.0	3.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	70.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	80.0	0.0	3.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	70.0	7.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
93.0	45.0	0.0	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	-	3.2	0.0	-	0.0	-	-	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0
100.0	40.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Macrouridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	50.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
118.0	39.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

Ophidiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
67.0	55.0	0.0	0.0	-	-	6.3	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	7.0	0.0	-	0.0	0.0	-
77.0	51.0	0.0	0.0	-	-	3.6	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	0.0	12.2	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	0.0	32.6	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	0.0	0.0	-	0.0	2.8	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	0.0	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0	0.0	-
87.0	35.0	0.0	0.0	-	6.8	0.0	-	0.0	-	2.7	0.0	-	0.0
87.0	40.0	0.0	0.0	-	0.0	9.7	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	0.0	0.0	-	0.0	2.5	-	0.0	-	0.0	0.0	-	0.0
90.0	28.0	0.0	0.0	-	3.5	5.8	-	0.0	-	0.0	0.0	-	0.0
90.0	32.0	0.0	0.0	-	6.8	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0
93.0	40.0	0.0	0.0	-	0.0	5.9	-	0.0	-	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	-	0.0	8.6	-	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	1.6	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	0.0	6.9	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.7	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	32.9	4.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	10.4	0.0	-	0.0
117.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	4.2	0.0	-	0.0	0.0	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	10.4	-	6.1	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	8.4	0.0	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	15.8	8.6	-	0.0
120.0	30.0	0.0	0.0	-	0.0	-	0.0	19.8	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	0.0	0.0	-	0.0	0.0	-	34.7	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.5	0.0
133.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	29.3	0.0	0.0
133.0	25.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.0	0.0	0.0
133.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.5	0.0	0.0
133.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.3	0.0	0.0
137.0	22.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.8	0.0	0.0

TABLE 4. (cont.)

Ophidiiformes (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	12.7	0.0	0.0

Brosmophycis marginata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	0.0	-	-	0.0	-	2.8	6.1	-	0.0	-	-
60.0	55.0	0.0	0.0	-	-	0.0	-	0.0	3.1	-	0.0	0.0	-
60.0	70.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
63.0	50.0	0.0	0.0	-	-	0.0	-	2.1	0.0	-	0.0	0.0	-
63.0	52.0	0.0	0.0	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
73.0	50.0	0.0	0.0	-	-	0.0	-	5.8	3.2	-	0.0	0.0	-
87.0	50.0	0.0	0.0	-	6.4	2.5	-	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	2.9	-	1.9	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.4	-	0.0

Chilara taylori

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	51.0	-	3.2	-	-	-	-	-	-	-	-	-	-
60.0	60.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.3	0.0	-
63.0	50.0	0.0	0.0	-	-	0.0	-	2.1	0.0	-	0.0	0.0	-
73.0	60.0	0.0	0.0	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
77.0	55.0	0.0	0.0	-	-	0.0	-	0.0	3.5	-	6.5	0.0	-
77.0	65.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	3.3	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	3.2	5.4	-	0.0	0.0	-
85.0	43.0	3.2	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	-
88.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0	0.0	-
90.0	32.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3
97.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.6	0.0	-	3.2
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	5.1	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.1	0.0	-	0.0
110.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
110.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0
117.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
118.0	39.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	0.0	-	1.9	-	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	-	0.0	3.7	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	3.4	-	0.0	0.0

TABLE 4. (cont.)

Ophidion scrippsae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	–	–	0.0	0.0	–	0.0	2.7	–	0.0	0.0	–
83.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	1.8	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	3.6	9.6	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	3.5	–	0.0	0.0	–
87.0	33.0	0.0	0.0	–	0.0	0.0	–	0.0	–	7.8	0.0	–	0.0
87.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.7	0.0	–	0.0
90.0	37.0	0.0	0.0	–	0.0	0.0	–	3.7	–	0.0	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	–	0.0	0.0	–	1.7	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.1	3.1	–	0.0
113.0	29.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	1.2	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	21.1	2.0	–	0.0
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	10.4	3.5	–	0.0
117.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0
118.0	39.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
119.0	33.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	4.2	3.1	–	0.0
120.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	24.8	10.7	–	0.0
120.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0
120.0	35.0	0.0	–	0.0	0.0	–	0.0	12.4	–	24.8	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	0.0	0.0	–	1.9	–	1.7	0.0
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.3	9.4	0.0
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.4	0.0
133.0	25.0	–	–	0.0	0.0	–	0.0	0.0	–	–	9.0	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	5.6	0.0	0.0

Porichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	40.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	1.7	0.0
123.0	36.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	2.4

Ceratioidei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.9	–
83.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
97.0	70.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
100.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.8	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	11.0	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	14.7	3.3	–	0.0
100.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0
103.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0

TABLE 4. (cont.)

Ceratioidei (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	55.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.8	7.8	-	0.0
103.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.5	0.0	-	0.0
107.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.7	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0
107.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	9.1	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.5	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
113.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.6	0.0	-	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	0.0	0.0	-	9.3	-	3.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	0.0	-	6.5	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	0.0	0.0	-	3.3	-	0.0	0.0
123.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0
130.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.1	0.0	-
137.0	60.0	-	-	0.0	0.0	-	0.0	3.2	-	-	0.0	0.0	-

Gobiesocidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	29.0	0.0	0.0	-	0.0	-	0.0	2.8	-	0.0	0.0	-	0.0

Exocoetidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.5	0.0
120.0	50.0	0.0	-	0.0	0.0	-	21.6	0.0	-	2.9	-	0.0	0.0
127.0	60.0	-	-	0.0	0.0	-	0.0	3.1	-	-	0.0	0.0	0.0

Cololabis saira

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	0.0	-	-	4.1	-	0.0	0.0	-	0.0	0.0	-
60.0	65.0	0.0	0.0	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
60.0	80.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
67.0	50.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
70.0	60.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
70.0	65.0	0.0	0.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
70.0	70.0	0.0	0.0	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
70.0	100.0	-	0.0	-	-	6.7	-	-	0.0	-	-	0.0	-

TABLE 4. (cont.)

Cololabis saira (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
73.0	65.0	0.0	0.0	–	–	0.0	–	3.5	0.0	–	0.0	0.0	–
73.0	90.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
83.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	6.5	–
87.0	33.0	0.0	0.0	–	0.0	0.0	–	5.5	–	0.0	0.0	–	0.0
87.0	35.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0
87.0	40.0	0.0	0.0	–	0.0	0.0	–	3.5	–	0.0	0.0	–	0.0
87.0	70.0	0.0	0.0	–	0.0	0.0	–	3.6	–	0.0	0.0	0.0	–
90.0	28.0	0.0	0.0	–	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0
90.0	37.0	3.4	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	53.0	0.0	0.0	–	0.0	0.0	–	6.6	–	0.0	0.0	–	0.0
93.0	45.0	0.0	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0	–	0.0
93.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	6.5	–	0.0
97.0	80.0	0.0	–	–	0.0	–	0.0	3.4	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	0.0	–	3.1	0.0	–	0.0	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	–	6.4	0.0	–	0.0	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0
100.0	80.0	0.0	0.0	–	0.0	–	6.3	0.0	–	0.0	0.0	–	0.0
103.0	70.0	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0
107.0	45.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	50.0	0.0	0.0	–	0.0	–	9.1	0.0	–	0.0	0.0	–	0.0
113.0	50.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0

Atherinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	0.0	0.0	–	–	7.9	–	0.0	0.0	–	0.0	0.0	–
77.0	48.0	0.0	0.0	–	–	0.0	–	1.7	0.0	–	0.0	0.0	–
93.0	27.0	0.0	0.0	–	0.0	10.9	–	0.0	–	0.0	0.0	–	0.0
107.0	31.0	0.0	2.6	–	0.0	–	0.0	0.0	–	–	0.0	–	0.0
133.0	25.0	–	–	0.0	0.0	–	1.9	0.0	–	–	0.0	0.0	0.0

Trachipteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	–	5.9	–	–	–	–	–	–	–	–	–	–
60.0	60.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	80.0	3.3	3.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	52.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	0.0	1.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	60.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	65.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Trachipteridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	0.0	2.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	80.0	0.0	1.7	-	-	-	-	0.0	0.0	-	0.0	0.0	-
70.0	60.0	3.3	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.3	3.0	-
70.0	70.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	80.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	7.1	2.8	-
70.0	90.0	2.4	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	100.0	-	0.0	-	-	3.4	-	-	0.0	-	-	0.0	-
73.0	53.0	9.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	3.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	80.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.2	0.0	-
73.0	90.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0	48.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	2.7	0.0	-
77.0	55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.7	-
77.0	60.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.8	-
77.0	65.0	0.0	2.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	70.0	2.7	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	-
80.0	51.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	2.6	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	0.0	0.0	-	3.0	0.0	-	0.0	3.3	-	0.0	0.0	-
80.0	70.0	3.3	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	-
80.0	80.0	3.0	0.0	-	2.8	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	6.2	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2	0.0	-
83.0	70.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0	0.0	-
87.0	55.0	0.0	0.0	-	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	3.6	0.0	-	-	3.7	-	3.3	-	0.0	0.0	15.3	-
87.0	70.0	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	0.0	6.3	-
87.0	90.0	0.0	0.0	-	0.0	3.3	-	3.3	-	0.0	3.3	2.9	-
93.0	40.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	2.9	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	1.6	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0
97.0	45.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	3.6	-	0.0
97.0	55.0	3.2	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	0.0	-	0.0	4.2	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Trachipteridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	55.0	3.7	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	3.3
107.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0
107.0	35.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
110.0	35.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
113.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0
130.0	50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.3	0.0	-

Eutaeniophoridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	0.0	-	-	0.0	-	2.8	0.0	-	0.0	0.0	-
90.0	120.0	0.0	-	-	-	-	-	3.0	-	-	0.0	-	-
107.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
137.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.9	0.0

Melamphaes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	2.8	-	-	-	-	-	-	-	-	-	-	-
40.0	55.0	4.3	-	-	-	-	-	-	-	-	-	-	-
40.0	80.0	2.5	-	-	-	-	-	-	-	-	-	-	-
40.0	90.0	4.1	-	-	-	-	-	-	-	-	-	-	-
43.0	60.0	9.2	-	-	-	-	-	-	-	-	-	-	-
43.0	70.0	7.1	-	-	-	-	-	-	-	-	-	-	-
43.0	80.0	8.0	-	-	-	-	-	-	-	-	-	-	-
43.0	100.0	12.4	-	-	-	-	-	-	-	-	-	-	-
47.0	55.0	3.6	-	-	-	-	-	-	-	-	-	-	-
47.0	60.0	2.7	-	-	-	-	-	-	-	-	-	-	-
47.0	70.0	16.3	-	-	-	-	-	-	-	-	-	-	-
47.0	90.0	10.4	-	-	-	-	-	-	-	-	-	-	-
47.0	100.0	12.3	-	-	-	-	-	-	-	-	-	-	-
50.0	55.0	-	6.2	-	-	-	-	-	-	-	-	-	-
50.0	60.0	-	2.2	-	-	-	-	-	-	-	-	-	-
50.0	70.0	-	3.2	-	-	-	-	-	-	-	-	-	-
50.0	80.0	-	6.5	-	-	-	-	-	-	-	-	-	-
50.0	90.0	-	7.4	-	-	-	-	-	-	-	-	-	-
50.0	120.0	10.6	-	-	-	-	-	-	-	-	-	-	-
53.0	80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0	90.0	-	12.3	-	-	-	-	-	-	-	-	-	-
53.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
60.0	60.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	2.8	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	70.0	0.0	0.0	–	–	0.0	–	9.9	0.0	–	0.0	0.0	–
60.0	90.0	6.6	0.0	–	–	3.2	–	0.0	0.0	–	0.0	0.0	–
63.0	55.0	0.0	0.0	–	–	0.0	–	0.0	3.4	–	0.0	0.0	–
63.0	60.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	65.0	21.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	70.0	6.6	8.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	80.0	6.4	0.0	–	–	–	–	–	3.4	–	0.0	0.0	–
63.0	90.0	0.0	0.0	–	–	3.3	–	3.4	6.6	–	0.0	0.0	–
67.0	55.0	0.0	3.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	60.0	6.5	0.0	–	–	0.0	–	0.0	–	–	0.0	0.0	–
67.0	65.0	8.9	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	70.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	80.0	0.0	6.6	–	–	–	–	0.0	0.0	–	0.0	0.0	–
67.0	90.0	0.0	6.6	–	–	0.0	–	0.0	0.0	–	3.3	0.0	–
67.0	100.0	–	2.9	–	–	–	–	–	–	–	–	–	–
70.0	53.0	0.0	4.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	60.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	65.0	7.0	0.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	70.0	0.0	1.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	75.0	–	3.8	–	–	0.0	–	–	0.0	–	–	0.0	–
70.0	80.0	7.8	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	90.0	2.4	6.7	–	–	0.0	–	0.0	0.0	–	2.9	0.0	–
70.0	100.0	–	5.2	–	–	0.0	–	–	6.3	–	–	3.0	–
70.0	110.0	–	0.0	–	–	11.3	–	–	3.7	–	–	–	–
70.0	120.0	–	3.2	–	–	–	–	–	–	–	–	–	–
73.0	53.0	0.0	1.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	0.0	0.0	–	–	0.0	–	0.0	2.8	–	0.0	0.0	–
73.0	65.0	0.0	3.2	–	–	3.4	–	0.0	5.2	–	0.0	0.0	–
73.0	80.0	0.0	3.9	–	–	3.7	–	0.0	0.0	–	0.0	0.0	–
73.0	90.0	0.0	5.4	–	–	3.5	–	10.3	3.0	–	0.0	0.0	–
77.0	55.0	0.0	0.0	–	–	3.5	–	0.0	0.0	–	3.3	0.0	–
77.0	60.0	0.0	3.1	–	–	8.0	–	8.1	0.0	–	0.0	0.0	–
77.0	65.0	3.1	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	70.0	0.0	1.5	–	–	0.0	–	6.4	3.6	–	0.0	0.0	–
77.0	80.0	3.4	0.0	–	0.0	3.7	–	7.0	7.2	–	15.0	3.0	–
77.0	90.0	6.0	3.3	–	16.9	7.1	–	2.9	0.0	–	0.0	0.0	–
77.0	100.0	–	3.2	–	–	–	–	–	–	–	–	–	–
77.0	120.0	–	3.2	–	–	–	–	–	–	–	–	–	–
80.0	60.0	3.3	0.0	–	0.0	5.0	–	0.0	0.0	–	0.0	0.0	–
80.0	65.0	3.3	3.3	–	0.0	0.0	–	0.0	3.3	–	6.3	0.0	–
80.0	70.0	0.0	–	–	0.0	3.7	–	0.0	0.0	–	–	0.0	–
80.0	80.0	0.0	3.9	–	5.6	3.4	–	0.0	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	3.3	–	3.1	0.0	–	6.0	3.0	–
83.0	43.0	0.0	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	55.0	0.0	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0	0.0	–
83.0	70.0	0.0	3.4	–	0.0	3.6	–	0.0	0.0	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	3.4	–	3.1	0.0	–	0.0	0.0	–
85.0	60.0	–	–	–	14.0	–	–	–	–	–	–	–	–
87.0	33.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0
87.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.8	3.3	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	3.3	–	3.2	0.0	0.0	–
87.0	70.0	0.0	0.0	–	3.0	7.2	–	10.7	–	0.0	0.0	3.1	–
87.0	80.0	0.0	3.1	–	0.0	9.9	–	0.0	–	2.9	0.0	0.0	–
87.0	90.0	0.0	0.0	–	7.1	3.3	–	9.8	–	0.0	3.3	0.0	–
90.0	32.0	0.0	0.0	–	0.0	0.0	–	3.6	–	0.0	0.0	–	0.0
90.0	39.0	–	0.0	–	–	3.5	–	–	–	0.0	–	–	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0
90.0	60.0	3.1	0.0	0.0	0.0	0.0	–	3.5	–	0.0	0.0	–	0.0
90.0	65.0	–	–	3.6	–	–	–	–	–	–	–	–	–
90.0	70.0	6.5	3.3	–	6.4	3.2	–	0.0	–	0.0	3.4	–	0.0
90.0	80.0	0.0	0.0	–	3.2	3.2	–	15.0	–	0.0	0.0	–	2.5
90.0	90.0	6.4	0.0	–	6.3	6.2	–	17.8	–	5.8	15.9	–	14.3
90.0	100.0	0.0	–	–	16.7	–	–	0.0	–	–	0.0	–	–
90.0	120.0	0.0	–	–	–	–	–	9.0	–	–	0.0	–	–
90.0	140.0	0.0	–	–	22.5	–	–	0.0	–	–	3.3	–	–
93.0	28.0	0.0	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
93.0	40.0	0.0	0.0	–	0.0	3.0	–	0.0	–	0.0	0.0	–	0.0
93.0	55.0	0.0	0.0	–	3.2	0.0	–	3.0	–	–	0.0	–	0.0
93.0	60.0	0.0	0.0	–	0.0	7.2	–	5.9	–	0.0	0.0	–	0.0
93.0	70.0	3.3	2.9	–	3.4	3.2	–	3.1	–	0.0	3.6	–	0.0
93.0	80.0	0.0	0.0	–	0.0	0.0	–	12.3	–	0.0	0.0	–	0.0
93.0	90.0	0.0	0.0	–	17.5	0.0	–	0.0	–	0.0	0.0	–	6.3
93.0	100.0	3.4	–	–	0.0	–	–	6.2	–	–	0.0	–	–
93.0	120.0	3.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
93.0	140.0	–	–	–	0.0	–	–	0.0	–	–	3.2	–	–
97.0	40.0	0.0	3.2	–	0.0	–	0.0	3.0	–	0.0	0.0	–	0.0
97.0	45.0	0.0	0.0	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
97.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
97.0	55.0	0.0	0.0	–	0.0	–	3.7	0.0	–	0.0	0.0	–	0.0
97.0	60.0	0.0	0.0	–	3.1	–	3.0	0.0	–	0.0	0.0	–	0.0
97.0	70.0	0.0	–	–	3.1	–	0.0	9.1	–	3.0	0.0	–	0.0
97.0	80.0	0.0	–	–	6.5	–	9.3	6.7	–	0.0	0.0	–	0.0
97.0	90.0	0.0	–	–	3.0	–	3.0	0.0	–	3.0	3.0	–	3.1
100.0	30.0	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	3.1	–	3.1	0.0	–	0.0	0.0	–	3.1
100.0	50.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	55.0	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	3.2	–	0.0	–	6.4	0.0	–	0.0	2.7	–	0.0

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	-	0.0	-	3.2	4.3	-	11.0	3.3	-	3.0
100.0	80.0	0.0	0.0	-	9.2	-	3.1	4.3	-	3.5	6.7	-	0.0
100.0	90.0	0.0	0.0	-	12.3	-	3.0	4.5	-	0.0	0.0	-	0.0
103.0	40.0	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	3.4	-	0.0	4.3	-	3.6	2.9	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	17.6	-	3.3	0.0	-	0.0
103.0	70.0	0.0	3.3	-	3.1	-	6.6	0.0	-	13.0	2.6	-	0.0
103.0	80.0	0.0	3.3	-	3.1	-	3.2	16.3	-	5.5	0.0	-	3.0
107.0	35.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	40.0	0.0	0.0	-	9.1	-	0.0	4.5	-	3.8	3.3	-	0.0
107.0	45.0	4.0	0.0	-	3.0	-	0.0	0.0	-	9.7	0.0	-	0.0
107.0	50.0	0.0	0.0	-	9.8	-	2.8	0.0	-	3.2	0.0	-	3.1
107.0	55.0	0.0	0.0	-	0.0	-	6.4	6.9	-	0.0	0.0	-	2.9
107.0	60.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	9.3	3.1	-	0.0	0.0	-	0.0
107.0	80.0	0.0	0.0	-	2.8	-	3.0	13.4	-	2.7	0.0	-	0.0
110.0	35.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	0.0	-	0.0	4.1	-	0.0	0.0	-	5.6
110.0	50.0	0.0	3.4	-	0.0	-	6.1	8.8	-	0.0	3.2	-	3.0
110.0	60.0	0.0	0.0	-	0.0	-	3.5	0.0	-	0.0	2.9	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	3.0	0.0	-	6.0	3.2	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	0.0	-	0.0	-	6.1	0.0	-	0.0	0.0	-	0.0
113.0	60.0	2.7	0.0	-	0.0	-	0.0	0.0	-	0.0	5.9	-	0.0
113.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	19.3	3.2	-	0.0
113.0	80.0	3.2	0.0	-	0.0	-	6.2	0.0	-	21.4	3.1	-	0.0
117.0	35.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	4.2	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	0.0	7.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0	-	0.0	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0
117.0	80.0	-	0.0	-	0.0	-	8.0	0.0	-	9.2	-	0.0	0.0
119.0	33.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	0.0	-	-	10.4	-	-	0.0
120.0	60.0	0.0	-	0.0	0.0	-	3.2	0.0	-	6.5	-	0.0	0.0
120.0	70.0	3.1	-	0.0	0.0	-	0.0	3.5	-	12.4	-	7.9	0.0
120.0	80.0	-	-	0.0	0.0	-	0.0	3.4	-	0.0	-	3.3	3.1
120.0	90.0	-	-	0.0	-	-	0.0	-	-	3.1	-	-	3.0
123.0	50.0	-	-	0.0	0.0	-	0.0	3.4	-	0.0	-	3.1	0.0
123.0	60.0	-	-	0.0	0.0	-	3.1	0.0	-	12.5	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.6	0.0	0.0
127.0	50.0	-	-	0.0	0.0	-	2.9	3.3	-	-	0.0	0.0	0.0

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	60.0	–	–	0.0	0.0	–	3.1	0.0	–	–	3.7	0.0	0.0
130.0	35.0	–	–	0.0	0.0	–	2.7	0.0	–	–	0.0	0.0	0.0
130.0	40.0	–	–	3.4	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	7.6	0.0	–	–	3.3	0.0	–
130.0	60.0	–	–	0.0	0.0	–	3.2	0.0	–	–	0.0	0.0	–
133.0	35.0	–	–	0.0	0.0	–	2.9	0.0	–	–	0.0	0.0	0.0
133.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	–
133.0	60.0	–	–	0.0	3.2	–	0.0	0.0	–	–	0.0	0.0	–
137.0	50.0	–	–	0.0	0.0	–	0.0	3.1	–	–	3.2	0.0	–
137.0	60.0	–	–	3.3	0.0	–	0.0	3.2	–	–	0.0	0.0	–

Poromitra spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	50.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	53.0	0.0	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	0.0	1.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	0.0	–	0.0	3.7	–	0.0	0.0	–
77.0	70.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	2.9	–
77.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.1	–
80.0	60.0	0.0	0.0	–	2.6	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	0.0	–	3.2	–	2.9	0.0	0.0	–
90.0	140.0	3.3	–	–	0.0	–	–	0.0	–	–	0.0	–	–
93.0	80.0	0.0	0.0	–	0.0	3.0	–	0.0	–	0.0	0.0	–	0.0
93.0	100.0	0.0	–	–	3.2	–	–	0.0	–	–	0.0	–	–
93.0	120.0	0.0	–	–	0.0	–	–	0.0	–	–	3.2	–	–
97.0	90.0	0.0	–	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
100.0	90.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
103.0	60.0	0.0	0.0	–	0.0	–	0.0	3.6	–	0.0	0.0	–	0.0
107.0	40.0	0.0	0.0	–	6.1	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0
110.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.9	–	0.0
110.0	70.0	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	2.8	0.0
120.0	50.0	0.0	–	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	80.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.3	0.0
127.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	3.3	0.0
133.0	60.0	–	–	3.6	0.0	–	0.0	0.0	–	–	0.0	0.0	–

TABLE 4. (cont.)

Scopeloberyx robustus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.2	-	2.9

Scopelogadus bispinosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	90.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
77.0	90.0	0.0	0.0	-	0.0	0.0	-	2.9	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	0.0	0.0	-	3.2	0.0	-	-	0.0	-
83.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.0	-
90.0	80.0	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0
90.0	120.0	0.0	-	-	-	-	-	6.0	-	-	0.0	-	-
93.0	120.0	0.0	-	-	3.1	-	-	0.0	-	-	0.0	-	-
93.0	140.0	-	-	-	9.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	-	0.0	3.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
117.0	80.0	-	0.0	-	0.0	-	0.0	0.0	-	9.2	-	0.0	0.0
123.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0
133.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	3.4	-

Macroramphosus gracilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	45.0	2.8	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
107.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
110.0	70.0	5.8	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	9.7	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
117.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	-	3.5	0.0
120.0	60.0	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	7.9	0.0

Syngnathus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	60.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
70.0	75.0	-	3.8	-	-	0.0	-	-	0.0	-	-	0.0	-
77.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-

TABLE 4. (cont.)

Syngnathus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	7.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
97.0	29.0	0.0	0.0	-	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	1.5	-	2.3	0.0	-	0.0

Agonidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	0.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-
70.0	51.0	3.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	50.0	0.0	0.0	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	0.0	3.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	40.0	0.0	1.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	3.6	3.2	-	0.0	0.0	-
87.0	50.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	1.7	-	0.0	0.0	-	0.0	0.0	-	0.0

Cottidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	5.2	-	-	-	-	-	-	-	-	-	-	-
40.0	40.0	2.1	-	-	-	-	-	-	-	-	-	-	-
47.0	50.0	6.7	-	-	-	-	-	-	-	-	-	-	-
47.0	55.0	3.6	-	-	-	-	-	-	-	-	-	-	-
50.0	47.0	-	12.8	-	-	-	-	-	-	-	-	-	-
53.0	52.0	-	11.6	-	-	-	-	-	-	-	-	-	-
57.0	51.0	-	3.2	-	-	-	-	-	-	-	-	-	-
60.0	50.0	2.6	0.0	-	-	2.1	-	0.0	0.0	-	0.0	-	-
60.0	52.0	0.0	3.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-
60.0	60.0	0.0	17.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	4.2	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	52.0	3.2	0.0	-	-	9.1	-	0.0	0.0	-	0.0	0.0	-
67.0	50.0	0.0	4.3	-	-	0.0	-	0.0	2.2	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	10.4	0.0	-	0.0	0.0	-
73.0	50.0	0.0	0.0	-	-	0.0	-	5.8	0.0	-	0.0	0.0	-
77.0	48.0	1.1	1.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	0.0	2.7	-	0.0	0.0	-
83.0	51.0	0.0	7.9	-	0.0	2.8	-	0.0	0.0	-	0.0	0.0	-
87.0	33.0	0.0	0.0	-	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0
87.0	50.0	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
93.0	45.0	0.0	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	0.0	2.8	-	0.0	0.0	-	0.0
97.0	30.0	0.0	5.1	-	0.0	-	1.6	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Cottidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	0.0	-	10.8	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	3.2	-	0.0	2.9	-	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	1.7	-	0.0	1.7	-	-	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	10.7	-	0.0	-	0.0	0.0
123.0	36.0	-	-	0.0	1.8	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	37.0	-	-	0.0	0.0	-	3.8	0.0	-	0.0	-	0.0	0.0

Scorpaenichthys marmoratus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	2.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0	52.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	60.0	0.0	5.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	9.5	0.0	-
63.0	50.0	4.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	52.0	6.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	48.0	0.0	0.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	50.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	50.0	3.3	1.3	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-
73.0	65.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	48.0	0.0	1.1	-	-	0.0	-	0.0	0.0	-	5.4	0.0	-
77.0	51.0	0.0	1.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	0.0	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	0.0	3.4	-	0.0	3.6	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	0.0	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	40.0	0.0	6.9	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0

Cyclopteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	1.7	-	-	-	-	-	-	-	-	-	-	-
40.0	40.0	2.1	-	-	-	-	-	-	-	-	-	-	-
43.0	45.0	2.8	-	-	-	-	-	-	-	-	-	-	-
60.0	50.0	0.0	2.3	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0	52.0	0.0	0.0	-	-	2.7	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	0.0	0.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	70.0	0.0	0.0	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
67.0	48.0	0.0	0.0	-	-	2.6	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	0.0	0.0	-	-	0.0	-	7.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Cyclopteridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	48.0	0.0	0.0	-	-	4.3	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	0.0	4.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
100.0	29.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	1.7	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	2.4	2.9	-	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	3.4	-	0.0	0.0	-	-	0.0	-	0.0
110.0	32.0	0.0	0.0	-	1.6	-	0.0	0.0	-	0.0	0.0	-	0.0

Hexagrammidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	70.1	-	-	0.0	-	0.0	0.0	-	0.0	-	-
63.0	50.0	1.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	48.0	1.1	1.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	51.0	0.0	1.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

Ophiodon elongatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

Oxylebius pictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	50.0	1.4	0.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	48.0	0.0	0.0	-	-	0.0	-	1.7	0.0	-	0.0	0.0	-
73.0	50.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	6.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	6.3	3.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	3.3	-
83.0	43.0	0.0	7.3	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	51.0	3.0	4.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	50.0	0.0	0.0	-	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	45.0	3.3	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	2.7	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2
100.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1
100.0	40.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0

TABLE 4. (cont.)

Zaniolepis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	50.0	1.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	52.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	50.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	43.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	51.0	8.9	4.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.6	–
87.0	33.0	0.0	2.6	–	0.0	0.0	–	0.0	–	0.0	0.0	–	2.5
87.0	50.0	5.9	2.9	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	27.0	0.0	2.7	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	32.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	3.1
103.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	1.6
118.0	39.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	2.2	–	0.0	0.0	–	0.0
120.0	40.0	2.7	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0

Scorpaena spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	17.4	0.0	–	0.0
110.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0
113.0	40.0	0.0	0.0	–	0.0	–	0.0	6.9	–	0.0	0.0	–	0.0
117.0	30.0	0.0	0.0	–	0.0	–	0.0	4.1	–	0.0	0.0	–	0.0
117.0	35.0	0.0	0.0	–	0.0	–	0.0	21.4	–	0.0	0.0	–	0.0
118.0	39.0	0.0	0.0	–	0.0	–	0.0	7.0	–	0.0	0.0	–	0.0
120.0	30.0	0.0	0.0	–	0.0	–	0.0	2.5	–	0.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	–	0.0	3.7	–	0.0	–	0.0	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	8.8	–	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	16.2	–	–	0.0	0.0	0.0
130.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.8	0.0	0.0
133.0	50.0	–	–	0.0	0.0	–	0.0	3.3	–	–	0.0	0.0	–

Sebastes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	273.5	–	–	–	–	–	–	–	–	–	–	–
40.0	40.0	53.5	–	–	–	–	–	–	–	–	–	–	–
40.0	45.0	72.0	–	–	–	–	–	–	–	–	–	–	–
40.0	50.0	270.5	–	–	–	–	–	–	–	–	–	–	–
40.0	55.0	4.3	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	31.7	–	–	–	–	–	–	–	–	–	–	–
40.0	70.0	53.5	–	–	–	–	–	–	–	–	–	–	–
40.0	80.0	49.6	–	–	–	–	–	–	–	–	–	–	–
40.0	90.0	8.1	–	–	–	–	–	–	–	–	–	–	–
43.0	42.0	86.6	–	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	45.0	453.1	-	-	-	-	-	-	-	-	-	-	-
43.0	50.0	131.5	-	-	-	-	-	-	-	-	-	-	-
43.0	55.0	30.4	-	-	-	-	-	-	-	-	-	-	-
43.0	60.0	37.0	-	-	-	-	-	-	-	-	-	-	-
43.0	80.0	2.7	-	-	-	-	-	-	-	-	-	-	-
43.0	90.0	2.5	-	-	-	-	-	-	-	-	-	-	-
43.0	100.0	3.1	-	-	-	-	-	-	-	-	-	-	-
47.0	50.0	1299.8	-	-	-	-	-	-	-	-	-	-	-
47.0	60.0	16.0	-	-	-	-	-	-	-	-	-	-	-
47.0	70.0	9.8	-	-	-	-	-	-	-	-	-	-	-
47.0	80.0	6.5	-	-	-	-	-	-	-	-	-	-	-
47.0	100.0	3.1	-	-	-	-	-	-	-	-	-	-	-
50.0	47.0	-	243.2	-	-	-	-	-	-	-	-	-	-
50.0	50.0	-	77.8	-	-	-	-	-	-	-	-	-	-
50.0	55.0	-	27.8	-	-	-	-	-	-	-	-	-	-
50.0	60.0	-	15.7	-	-	-	-	-	-	-	-	-	-
50.0	70.0	-	6.4	-	-	-	-	-	-	-	-	-	-
53.0	52.0	-	320.1	-	-	-	-	-	-	-	-	-	-
53.0	55.0	-	628.4	-	-	-	-	-	-	-	-	-	-
53.0	60.0	-	237.3	-	-	-	-	-	-	-	-	-	-
53.0	70.0	-	30.3	-	-	-	-	-	-	-	-	-	-
53.0	80.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0	90.0	-	3.1	-	-	-	-	-	-	-	-	-	-
57.0	51.0	-	350.9	-	-	-	-	-	-	-	-	-	-
57.0	55.0	-	700.6	-	-	-	-	-	-	-	-	-	-
57.0	60.0	-	2668.9	-	-	-	-	-	-	-	-	-	-
57.0	70.0	-	25.7	-	-	-	-	-	-	-	-	-	-
57.0	80.0	-	5.6	-	-	-	-	-	-	-	-	-	-
60.0	50.0	49.4	0.0	-	-	0.0	-	2.8	0.0	-	8.2	-	-
60.0	52.0	49.9	588.0	-	-	0.0	-	4.5	0.0	-	0.0	0.0	-
60.0	55.0	2040.6	7617.5	-	-	40.0	-	62.6	55.6	-	0.0	46.7	-
60.0	60.0	81.0	457.1	-	-	0.0	-	109.8	13.1	-	0.0	0.0	-
60.0	65.0	39.2	8.2	-	-	16.8	-	30.8	22.3	-	0.0	0.0	-
60.0	70.0	21.9	5.9	-	-	0.0	-	44.4	67.7	-	9.5	0.0	-
60.0	80.0	23.3	12.7	-	-	0.0	-	73.1	20.7	-	0.0	3.3	-
60.0	90.0	36.5	0.0	-	-	0.0	-	0.0	16.1	-	0.0	0.0	-
63.0	50.0	194.6	4.8	-	-	0.0	-	6.2	0.0	-	3.6	0.0	-
63.0	52.0	1148.0	96.8	-	-	124.2	-	102.2	0.0	-	5.8	4.3	-
63.0	55.0	887.2	5964.9	-	-	742.5	-	802.8	23.5	-	340.1	5.2	-
63.0	60.0	213.8	1063.3	-	-	0.0	-	36.9	19.9	-	0.0	3.2	-
63.0	65.0	0.0	129.0	-	-	0.0	-	31.6	28.2	-	0.0	0.0	-
63.0	70.0	0.0	56.2	-	-	3.2	-	20.2	34.2	-	0.0	0.0	-
63.0	80.0	0.0	0.0	-	-	-	-	-	17.1	-	0.0	0.0	-
63.0	90.0	3.2	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0	48.0	64.3	13.9	-	-	7.9	-	17.0	29.4	-	3.9	0.0	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	50.0	2704.3	875.1	-	-	23.7	-	121.5	55.0	-	45.8	2.9	-
67.0	55.0	400.5	870.0	-	-	63.0	-	25.1	0.0	-	6.8	0.0	-
67.0	60.0	578.8	487.8	-	-	67.2	-	7.1	-	-	0.0	0.0	-
67.0	65.0	231.7	534.4	-	-	0.0	-	10.5	10.3	-	0.0	0.0	-
67.0	70.0	22.8	19.0	-	-	3.4	-	3.6	20.1	-	0.0	0.0	-
67.0	80.0	3.0	3.1	-	-	-	-	38.5	26.9	-	0.0	0.0	-
67.0	90.0	3.3	1.6	-	-	0.0	-	74.9	6.3	-	0.0	0.0	-
70.0	51.0	698.9	72.8	-	-	6.5	-	76.6	23.0	-	0.0	58.5	-
70.0	53.0	1014.4	163.4	-	-	20.4	-	6.5	0.0	-	2.9	47.4	-
70.0	60.0	26.4	45.0	-	-	84.6	-	10.1	3.6	-	0.0	0.0	-
70.0	65.0	0.0	267.3	-	-	17.7	-	10.0	16.0	-	0.0	0.0	-
70.0	70.0	82.8	12.3	-	-	3.4	-	26.2	21.1	-	0.0	0.0	-
70.0	75.0	-	7.5	-	-	3.4	-	-	0.0	-	-	0.0	-
70.0	80.0	0.0	12.3	-	-	3.5	-	7.6	9.9	-	0.0	0.0	-
70.0	90.0	2.4	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0	100.0	-	0.0	-	-	0.0	-	-	3.2	-	-	3.0	-
73.0	50.0	945.8	463.7	-	-	41.4	-	0.0	15.9	-	12.7	32.4	-
73.0	53.0	281.1	73.9	-	-	7.9	-	39.4	3.4	-	6.7	0.0	-
73.0	60.0	100.5	1.4	-	-	67.3	-	6.8	8.4	-	6.8	0.0	-
73.0	65.0	27.4	20.9	-	-	23.7	-	13.9	5.2	-	0.0	0.0	-
73.0	70.0	24.9	1.5	-	-	4.8	-	36.0	7.3	-	0.0	0.0	-
73.0	80.0	3.0	1.7	-	-	22.4	-	0.0	3.3	-	0.0	0.0	-
77.0	48.0	7.6	63.9	-	-	14.9	-	0.0	0.0	-	0.0	5.5	-
77.0	51.0	598.3	831.5	-	-	68.4	-	0.0	15.4	-	20.2	10.6	-
77.0	55.0	733.5	54.5	-	-	24.6	-	0.0	0.0	-	6.5	46.2	-
77.0	60.0	3.4	137.7	-	-	48.1	-	77.0	6.5	-	3.5	2.8	-
77.0	65.0	45.9	7.8	-	-	28.4	-	13.5	3.5	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	10.3	-	9.7	3.6	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0	0.0	-
77.0	90.0	8.9	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	633.9	364.9	-	3.0	14.4	-	16.1	6.5	-	12.2	2.8	-
80.0	52.0	538.7	880.4	-	63.6	89.8	-	31.1	17.5	-	15.1	14.9	-
80.0	55.0	800.3	347.6	-	175.8	44.9	-	7.9	0.0	-	0.0	16.5	-
80.0	60.0	6.6	244.2	-	0.0	25.1	-	29.5	0.0	-	3.3	6.0	-
80.0	65.0	0.0	209.9	-	5.9	11.7	-	3.2	0.0	-	3.1	0.0	-
80.0	70.0	3.3	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	-
80.0	80.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	258.3	-	-	16.3	48.4	-	9.7	5.4	-	16.5	2.8	-
83.0	40.0	2.2	0.0	-	3.6	2.5	-	0.7	0.0	-	4.9	2.0	-
83.0	43.0	161.0	752.4	-	148.9	102.3	-	21.4	28.7	-	7.1	15.8	-
83.0	51.0	1203.6	833.7	-	238.0	50.8	-	3.4	10.2	-	21.4	14.4	-
83.0	55.0	58.7	733.7	-	142.7	11.0	-	9.7	9.5	-	0.0	11.0	-
83.0	60.0	87.1	378.0	-	282.2	61.4	-	0.0	0.0	-	0.0	41.6	-
83.0	70.0	0.0	16.9	-	0.0	0.0	-	6.2	0.0	-	0.0	3.2	-
83.0	80.0	0.0	60.4	-	3.4	0.0	-	13.6	0.0	-	0.0	0.0	-
83.0	90.0	6.4	40.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
85.0	60.0	-	-	-	24.6	-	-	-	-	-	-	-	-
87.0	33.0	39.9	176.8	-	0.0	0.0	-	0.0	-	0.0	6.0	-	12.5
87.0	35.0	51.6	624.9	-	30.7	13.2	-	0.0	-	19.0	7.0	-	6.2
87.0	40.0	110.5	2490.6	-	64.1	6.5	-	3.5	-	0.0	7.0	-	16.1
87.0	45.0	184.2	481.0	-	56.3	15.1	-	0.0	-	0.0	9.9	-	37.6
87.0	50.0	389.4	295.9	-	363.7	73.8	-	9.4	-	1.9	48.3	-	91.8
87.0	55.0	105.3	30.7	-	411.8	53.5	-	0.0	-	0.0	0.0	-	6.3
87.0	60.0	21.4	3.4	-	-	25.8	-	6.7	-	0.0	0.0	0.0	-
87.0	70.0	0.0	252.0	-	11.8	10.7	-	3.6	-	0.0	0.0	0.0	-
87.0	80.0	10.2	0.0	-	3.5	3.3	-	6.3	-	0.0	0.0	0.0	-
87.0	90.0	38.0	13.2	-	0.0	6.5	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	33.6	120.2	-	14.2	2.9	-	0.0	-	89.3	40.2	-	36.5
90.0	32.0	6.6	9.5	-	23.7	13.9	-	0.0	-	0.0	13.8	-	29.3
90.0	37.0	3.4	32.4	-	84.5	13.5	-	0.0	-	0.0	3.4	-	13.3
90.0	39.0	-	41.8	-	-	49.6	-	-	-	0.0	-	-	3.2
90.0	45.0	221.1	9.7	6.6	0.0	56.0	-	0.0	-	0.0	3.5	-	0.0
90.0	53.0	184.8	284.8	-	330.2	64.2	-	19.9	-	0.0	10.4	-	10.6
90.0	60.0	27.8	56.6	3.5	1660.2	6.6	-	6.9	-	0.0	0.0	-	0.0
90.0	70.0	0.0	6.6	-	0.0	6.4	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	6.4	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	89.6	87.0	-	8.8	0.0	-	2.8	-	5.6	6.2	-	27.2
93.0	28.0	13.4	42.7	-	112.7	34.5	-	6.4	-	2.9	10.0	-	12.8
93.0	30.0	22.8	27.6	-	0.0	0.0	-	0.0	-	2.9	0.0	-	19.8
93.0	35.0	0.0	108.7	-	6.5	19.9	-	5.6	-	3.2	7.0	-	28.9
93.0	40.0	3.2	111.7	-	0.0	38.6	-	0.0	-	0.0	0.0	-	9.5
93.0	45.0	9.4	24.9	-	19.9	117.3	-	0.0	-	0.0	0.0	-	15.8
93.0	50.0	0.0	15.7	-	32.5	12.2	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	-	119.7	12.8	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	241.2	21.6	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	0.0	19.4	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	6.3	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
94.0	30.0	77.2	13.2	-	-	-	-	-	-	-	-	-	-
97.0	29.0	8.2	7.8	-	15.5	-	0.0	0.0	-	0.0	0.0	-	5.7
97.0	30.0	56.4	20.2	-	42.6	-	4.8	0.0	-	0.0	6.1	-	5.7
97.0	32.0	163.0	28.3	-	81.1	-	0.0	0.0	-	0.0	0.0	-	35.1
97.0	35.0	0.0	0.0	-	0.0	-	6.8	0.0	-	0.0	2.5	-	63.4
97.0	40.0	0.0	3.2	-	0.0	-	15.9	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	9.0	3.8	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	37.2	-	7.3	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	7.9	-	18.5	-	9.1	16.6	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	0.0	-	23.8	4.5	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	9.3	23.5	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	0.0	-	0.0	3.0	-	0.0	0.0	-	0.0
100.0	29.0	38.6	45.1	-	16.2	-	9.1	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	179.4	152.6	-	146.2	-	0.0	3.6	-	0.0	15.3	-	27.8
100.0	35.0	0.0	65.7	-	2.9	-	3.4	0.0	-	0.0	0.0	-	3.0
100.0	40.0	14.1	0.0	-	53.2	-	0.0	6.8	-	0.0	0.0	-	0.0
100.0	45.0	0.0	3.3	-	0.0	-	2.7	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	34.9	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	0.0	-	3.3	-	9.7	0.0	-	0.0	0.0	-	0.0
100.0	80.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	29.0	18.5	23.4	-	45.1	-	0.0	2.1	-	3.6	0.0	-	0.0
103.0	30.0	64.9	171.6	-	235.8	-	4.9	8.8	-	5.7	16.8	-	8.1
103.0	35.0	20.8	3.3	-	3.2	-	0.0	7.2	-	0.0	0.0	-	3.1
103.0	40.0	0.0	0.0	-	0.0	-	6.9	7.9	-	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	-	10.5	4.2	-	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	9.9	0.0	-	0.0	0.0	-	0.0
107.0	31.0	15.1	23.1	-	132.4	-	2.9	3.4	-	-	4.1	-	0.0
107.0	32.0	0.0	189.8	-	239.7	-	15.0	3.4	-	0.0	3.3	-	18.6
107.0	35.0	0.0	3.4	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
107.0	40.0	0.0	7.4	-	0.0	-	3.9	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	10.9	-	3.0	-	6.3	0.0	-	0.0	0.0	-	0.0
107.0	50.0	3.4	0.0	-	6.5	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	55.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	77.5	-	3.3	0.0	-	0.0	0.0	-	0.0
107.0	80.0	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	0.0	25.5	-	16.4	-	0.0	0.0	-	0.0	6.8	-	2.7
110.0	35.0	17.1	47.7	-	78.3	-	3.1	0.0	-	0.0	0.0	-	14.7
110.0	40.0	15.4	67.0	-	49.2	-	3.2	0.0	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	39.3	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	50.0	0.0	3.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	60.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	17.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	78.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	21.5	-	36.2	-	3.6	0.0	-	0.0	0.0	-	0.0
113.0	30.0	2.9	107.9	-	35.5	-	2.5	0.0	-	0.0	0.0	-	2.5
113.0	35.0	0.0	3.4	-	54.1	-	29.6	3.5	-	3.0	0.0	-	0.0
113.0	40.0	0.0	19.1	-	47.7	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	0.0	-	0.0	-	6.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	3.6	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	35.9	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	25.0	2.0	19.6	-	5.4	-	2.6	0.0	-	0.0	0.0	-	0.0
117.0	26.0	11.8	6.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	30.0	17.8	41.6	-	0.0	-	8.2	0.0	-	0.0	0.0	-	0.0
117.0	35.0	8.7	7.5	-	5.4	-	25.7	16.1	-	0.0	0.0	-	2.9
117.0	40.0	0.0	125.1	-	0.0	-	20.9	0.0	-	0.0	3.4	-	0.0
117.0	45.0	0.0	7.2	-	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	0.0	-	22.6	-	31.0	3.4	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	0.0	–	12.6	–	0.0	0.0	–	0.0	–	0.0	0.0
118.0	39.0	0.0	85.4	–	2.9	–	40.1	3.5	–	0.0	0.0	–	0.0
119.0	33.0	0.0	30.9	–	8.2	–	13.1	0.0	–	0.0	0.0	–	0.0
120.0	30.0	0.0	3.3	–	6.0	–	0.0	2.5	–	0.0	0.0	–	0.0
120.0	35.0	0.0	–	0.0	2.6	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	45.0	6.3	–	13.7	30.9	–	0.0	0.0	–	2.9	–	0.0	0.0
120.0	50.0	0.0	–	0.0	20.9	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	55.0	–	–	5.8	–	–	0.0	–	–	0.0	–	–	0.0
123.0	36.0	–	–	14.4	1.8	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	37.0	–	–	32.3	0.0	–	3.8	2.5	–	0.0	–	0.0	0.0
123.0	42.0	–	–	66.1	71.0	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	45.0	–	–	0.0	11.4	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0	50.0	–	–	0.0	14.3	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0	33.0	–	–	8.6	2.3	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0	34.0	–	–	96.0	14.3	–	2.5	0.0	–	0.0	0.0	–	0.0
127.0	40.0	–	–	14.8	2.8	–	3.4	0.0	–	–	0.0	0.0	0.0
127.0	45.0	–	–	3.5	3.1	–	0.0	0.0	–	–	0.0	0.0	0.0
127.0	50.0	–	–	0.0	3.4	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	28.0	–	–	0.0	2.1	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	35.0	–	–	0.0	8.9	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	40.0	–	–	10.3	0.0	–	3.3	0.0	–	–	0.0	0.0	0.0
133.0	30.0	–	–	0.0	2.7	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	40.0	–	–	0.0	3.0	–	0.0	0.0	–	–	0.0	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	5.6	0.0	0.0
137.0	35.0	–	–	10.0	0.0	–	3.1	0.0	–	–	0.0	0.0	0.0

Sebastolobus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	0.0	–	–	6.7	–	0.0	0.0	–	0.0	0.0	–
60.0	80.0	0.0	0.0	–	–	0.0	–	3.5	0.0	–	0.0	0.0	–
60.0	90.0	0.0	0.0	–	–	0.0	–	2.8	0.0	–	0.0	0.0	–
67.0	55.0	0.0	1.8	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	65.0	0.0	1.7	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	70.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
70.0	60.0	0.0	0.0	–	–	3.7	–	0.0	0.0	–	0.0	0.0	–
70.0	65.0	7.0	0.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	0.0	0.0	–	–	10.6	–	0.0	0.0	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	0.0	–	3.5	0.0	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	0.0	–	4.0	0.0	–	0.0	0.0	–
77.0	51.0	0.0	1.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	55.0	3.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	70.0	0.0	0.0	–	–	3.4	–	3.2	0.0	–	0.0	0.0	–
80.0	55.0	0.0	0.0	–	30.4	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	60.0	0.0	0.0	–	2.6	0.0	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Sebastolobus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	–	–	3.2	3.7	–	0.0	0.0	–	–	0.0	–
80.0	80.0	0.0	0.0	–	2.8	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0	0.0	–
83.0	43.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	55.0	0.0	0.0	–	10.4	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–
85.0	60.0	–	–	–	3.5	–	–	–	–	–	–	–	–
87.0	45.0	0.0	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0	–	0.0
87.0	55.0	0.0	0.0	–	11.1	0.0	–	3.2	–	0.0	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	7.4	–	0.0	–	0.0	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	9.9	–	0.0	–	0.0	0.0	0.0	–
87.0	90.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	0.0	–
90.0	28.0	0.0	3.3	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	–	3.4	–	0.0	0.0	–	0.0
90.0	53.0	0.0	0.0	–	3.4	0.0	–	3.3	–	0.0	0.0	–	0.0
90.0	60.0	0.0	0.0	0.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	70.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
90.0	90.0	0.0	0.0	–	0.0	3.1	–	0.0	–	0.0	0.0	–	0.0
93.0	55.0	0.0	0.0	–	9.5	0.0	–	3.0	–	–	0.0	–	0.0
93.0	60.0	0.0	0.0	–	2.7	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	50.0	0.0	0.0	–	0.0	–	0.0	4.9	–	0.0	0.0	–	0.0
97.0	55.0	0.0	0.0	–	0.0	–	0.0	4.0	–	0.0	0.0	–	0.0
97.0	80.0	0.0	–	–	0.0	–	6.2	0.0	–	0.0	0.0	–	0.0
103.0	40.0	0.0	0.0	–	0.0	–	0.0	4.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0

Prionotus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	29.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	1.2	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	14.1	–	0.0
118.0	39.0	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0	0.0	–	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	6.3	–	0.0
120.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	10.7	–	2.5
120.0	30.0	0.0	0.0	–	0.0	–	0.0	2.5	–	0.0	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	0.0	4.3	–	0.0	–	0.0	0.0
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	7.0	0.0
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	55.3	4.9	0.0
133.0	25.0	–	–	0.0	0.0	–	0.0	0.0	–	–	32.9	58.8	0.0
133.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	141.8	0.0	7.4
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	19.0	0.0	5.0

TABLE 4. (cont.)

Blennioidei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	52.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	-	-
63.0	55.0	0.0	0.0	-	-	3.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	40.0	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0

Hypsoblennius spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	0.0	0.0	-	-	0.0	-	5.8	0.0	-	0.0	0.0	-
77.0	48.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	2.7	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	3.2	2.7	-	0.0	0.0	-
83.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0	0.0	-
87.0	33.0	0.0	0.0	-	0.0	0.0	-	49.1	-	15.6	3.0	-	0.0
87.0	35.0	0.0	0.0	-	0.0	0.0	-	11.0	-	0.0	0.0	-	0.0
87.0	40.0	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0	28.0	0.0	0.0	-	0.0	5.8	-	0.0	-	18.5	0.0	-	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	-	3.4	-	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	0.0	0.0	-	5.6	-	5.6	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	6.4	11.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	4.9	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.6	0.0	-	0.0
107.0	31.0	0.0	0.0	-	0.0	-	0.0	8.4	-	-	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	4.8	11.1	-	0.0	1.7	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	1.5	-	0.0	0.0	-	0.0
113.0	30.0	0.0	0.0	-	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0
117.0	30.0	0.0	0.0	-	0.0	-	0.0	12.4	-	0.0	0.0	-	0.0
118.0	39.0	0.0	0.0	-	0.0	-	8.0	0.0	-	0.0	0.0	-	3.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	17.4	-	0.0	0.0	-	0.0
120.0	24.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	25.0	1.8	0.0	-	0.0	-	0.0	0.0	-	0.0	10.7	-	7.6
120.0	35.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8
120.0	40.0	0.0	-	0.0	0.0	-	0.0	0.0	-	1.9	-	1.7	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	5.5	-	2.7	0.0
123.0	37.0	-	-	0.0	0.0	-	0.0	2.5	-	0.0	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8
127.0	33.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	7.4	0.0
127.0	34.0	-	-	0.0	0.0	-	0.0	0.0	-	12.7	0.0	-	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	4.3	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	3.3	-	-	0.0	0.0	0.0
130.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	2.8
133.0	23.0	-	-	0.0	0.0	-	3.3	5.3	-	-	3.3	2.4	0.0
133.0	25.0	-	-	3.7	0.0	-	1.9	2.4	-	-	0.0	0.0	0.0
133.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.9	0.0

TABLE 4. (cont.)

Hypsoblennius spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	22.0	-	-	0.0	0.0	-	0.0	2.2	-	-	2.8	0.0	0.0
137.0	23.0	-	-	0.0	0.0	-	0.0	3.3	-	-	6.3	0.0	0.0
137.0	30.0	-	-	0.0	0.0	-	3.1	3.3	-	-	0.0	0.0	0.0

Clinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	5.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	4.2	4.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	52.0	0.0	10.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	48.0	0.0	0.0	-	-	0.0	-	0.0	2.1	-	3.9	0.0	-
70.0	51.0	3.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	50.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	4.3	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	9.5	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0	0.0	-
83.0	40.0	0.7	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	3.7	-	0.0	0.0	-	0.0	6.4	-	0.0	0.0	-
83.0	51.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	33.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.6	0.0	-	0.0
87.0	35.0	0.0	0.0	-	6.8	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	8.9	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	2.7	-	2.9	0.0	-	0.0	-	2.8	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0
97.0	29.0	0.0	2.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	17.7	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
100.0	29.0	0.0	4.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	12.4	-	0.0	0.0	-	0.0	0.0	-	3.1
103.0	29.0	0.0	6.7	-	6.7	-	0.0	0.0	-	0.0	1.9	-	0.0
103.0	30.0	0.0	3.3	-	3.2	-	0.0	2.9	-	0.0	0.0	-	1.6
107.0	31.0	0.0	0.0	-	3.4	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	11.0	-	0.0	-	0.0	0.0	-	0.0	3.3	-	0.0
110.0	32.0	3.1	0.0	-	4.9	-	0.0	2.2	-	2.0	0.0	-	0.0
113.0	30.0	0.0	0.0	-	0.0	-	0.0	3.1	-	0.0	0.0	-	0.0
120.0	24.0	0.0	2.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	40.0	13.5	-	0.0	0.0	-	0.0	2.1	-	1.9	-	0.0	22.2
123.0	37.0	-	-	3.2	0.0	-	3.8	0.0	-	0.0	-	0.0	0.0

Gobiidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	0.0	-	-	0.0	-	2.8	0.0	-	0.0	-	-
60.0	52.0	0.0	9.0	-	-	0.0	-	0.0	10.4	-	7.0	0.0	-
60.0	55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.9	-

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.1	–
63.0	52.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	2.9	2.2	–
63.0	55.0	0.0	3.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	60.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	65.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.5	0.0	–
67.0	50.0	13.2	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	60.0	0.0	1.7	–	–	0.0	–	0.0	–	–	0.0	0.0	–
67.0	65.0	0.0	8.4	–	–	0.0	–	0.0	0.0	–	9.5	0.0	–
70.0	53.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	50.0	13.0	0.0	–	–	0.0	–	5.8	3.2	–	0.0	0.0	–
73.0	53.0	3.0	1.3	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	48.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	2.7	0.0	–
77.0	51.0	6.8	0.0	–	–	0.0	–	4.1	0.0	–	0.0	0.0	–
77.0	55.0	6.8	0.0	–	–	0.0	–	0.0	3.5	–	0.0	5.4	–
77.0	60.0	0.0	0.0	–	–	0.0	–	4.1	0.0	–	0.0	0.0	–
77.0	65.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
80.0	51.0	6.0	0.0	–	0.0	0.0	–	28.9	0.0	–	0.0	0.0	–
80.0	52.0	6.3	3.5	–	0.0	4.1	–	13.8	3.5	–	0.0	0.0	–
80.0	65.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–
82.0	47.0	0.0	–	–	0.0	3.5	–	3.2	0.0	–	0.0	0.0	–
83.0	40.0	0.0	0.0	–	0.0	2.5	–	0.0	0.0	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	–
83.0	51.0	5.9	4.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.6	–
83.0	55.0	0.0	3.3	–	0.0	0.0	–	0.0	9.5	–	3.6	2.8	–
83.0	60.0	0.0	0.0	–	6.8	0.0	–	0.0	0.0	–	0.0	14.9	–
83.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.2	–
83.0	80.0	0.0	0.0	–	0.0	0.0	–	10.2	0.0	–	0.0	0.0	–
83.0	90.0	0.0	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
85.0	60.0	–	–	–	3.5	–	–	–	–	–	–	–	–
87.0	33.0	2.8	0.0	–	0.0	0.0	–	2.7	–	5.2	9.0	–	5.0
87.0	35.0	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	40.0	0.0	20.6	–	0.0	0.0	–	3.5	–	3.3	3.5	–	0.0
87.0	50.0	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	55.0	0.0	3.4	–	7.4	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	90.0	3.5	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–
90.0	28.0	0.0	0.0	–	0.0	2.9	–	0.0	–	0.0	0.0	–	0.0
90.0	37.0	0.0	3.2	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	39.0	–	0.0	–	–	7.1	–	–	–	0.0	–	–	0.0
90.0	53.0	0.0	0.0	–	3.4	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	60.0	0.0	0.0	0.0	19.4	0.0	–	3.5	–	0.0	0.0	–	0.0
93.0	28.0	0.0	0.0	–	6.3	3.1	–	0.0	–	2.9	0.0	–	0.0
93.0	35.0	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	40.0	0.0	0.0	–	0.0	3.0	–	0.0	–	0.0	0.0	–	0.0
93.0	50.0	0.0	0.0	–	3.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	60.0	0.0	0.0	–	5.4	0.0	–	0.0	–	0.0	0.0	–	0.0
94.0	30.0	0.0	3.3	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	29.0	2.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	2.5	-	0.0	-	0.0	3.1	-	4.2	6.1	-	2.8
97.0	32.0	0.0	0.0	-	0.0	-	0.0	8.8	-	0.0	0.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0
97.0	40.0	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0	3.3	-	0.0
97.0	55.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	5.4	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	9.8	7.2	-	0.0	0.0	-	0.0
100.0	35.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	2.8	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	4.4	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	1.7	-	11.0	0.0	-	7.2	0.0	-	0.0
103.0	30.0	0.0	13.2	-	0.0	-	0.0	8.8	-	9.4	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	6.7	-	0.0
107.0	31.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	9.4	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	12.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	3.6	0.0	-	2.3	0.0	-	0.0
113.0	35.0	0.0	0.0	-	13.5	-	16.5	0.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.7
117.0	35.0	0.0	0.0	-	0.0	-	9.6	0.0	-	0.0	0.0	-	0.0
117.0	60.0	0.0	0.0	-	3.2	-	3.7	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	1.6	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	4.3	-	5.1
120.0	40.0	0.0	-	0.0	0.0	-	0.0	2.1	-	0.0	-	1.7	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
123.0	37.0	-	-	0.0	0.0	-	0.0	0.0	-	3.0	-	0.0	0.0
123.0	45.0	-	-	0.0	2.8	-	0.0	0.0	-	0.0	-	0.0	0.0
127.0	34.0	-	-	0.0	0.0	-	0.0	8.8	-	0.0	0.0	-	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.3	0.0

Icosteus aenigmaticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	2.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Halichoeres spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	35.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.7	0.0	–	0.0
87.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	–	0.0	2.8	–	1.7	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	–	0.0	6.3	–	0.0	0.0	–	0.0
110.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.1	0.0	–	0.0
113.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	4.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.0	0.0	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	4.7	2.0	–	0.0
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	15.5	0.0	–	0.0
117.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.9	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0
117.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	2.1	6.3	–	0.0
120.0	25.0	0.0	0.0	–	0.0	–	0.0	2.9	–	0.0	6.4	–	0.0
120.0	35.0	0.0	–	0.0	0.0	–	0.0	0.0	–	5.0	0.0	–	0.0
120.0	45.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0
120.0	50.0	0.0	–	0.0	0.0	–	0.0	0.0	–	46.7	–	0.0	0.0
123.0	36.0	–	–	0.0	0.0	–	0.0	0.0	–	5.5	–	0.0	0.0
127.0	33.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	2.5	0.0
127.0	34.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	2.6	–	0.0
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.3	0.0
130.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.9	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	3.8	0.0	–	–	0.0	0.0	–
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	11.1	0.0	0.0

Oxyjulis californica

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	0.0	–	–	0.0	–	0.0	3.3	–	0.0	0.0	–
77.0	51.0	0.0	0.0	–	–	0.0	–	0.0	3.1	–	0.0	0.0	–
77.0	55.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	3.3	0.0	–
77.0	60.0	0.0	0.0	–	–	0.0	–	4.1	0.0	–	0.0	0.0	–
77.0	65.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
80.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	3.4	–	0.0	0.0	–
80.0	60.0	0.0	0.0	–	0.0	0.0	–	3.3	0.0	–	3.3	0.0	–
80.0	70.0	0.0	–	–	0.0	0.0	–	0.0	3.0	–	–	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	25.8	67.3	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	0.0	12.8	–	10.6	0.0	–
83.0	51.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	0.0	–
83.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	22.1	–	0.0	0.0	–
83.0	70.0	0.0	0.0	–	0.0	0.0	–	3.1	3.3	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	0.0	–	13.6	21.0	–	0.0	0.0	–
87.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	13.2	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	3.3	–	0.0	0.0	0.0	–
87.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.5	0.0	0.0	–

TABLE 4. (cont.)

Oxyjulis californica (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	0.0	0.0	–	0.0	0.0	–	6.6	–	0.0	0.0	–	0.0
90.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	6.1	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
93.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	9.3	0.0	–	0.0
93.0	45.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0
93.0	50.0	0.0	0.0	–	0.0	0.0	–	0.0	–	24.8	0.0	–	0.0
93.0	55.0	0.0	0.0	–	0.0	6.4	–	6.0	–	–	0.0	–	0.0
97.0	32.0	0.0	0.0	–	0.0	–	6.7	13.1	–	3.3	0.0	–	0.0
97.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
97.0	45.0	0.0	0.0	–	0.0	–	0.0	3.8	–	0.0	0.0	–	0.0
97.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.0	0.0	–	0.0
97.0	70.0	0.0	–	–	0.0	–	0.0	9.1	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	0.0	–	12.2	7.2	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	75.7	59.5	–	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	0.0	–	0.0	65.0	–	5.5	0.0	–	0.0
100.0	45.0	0.0	0.0	–	0.0	–	0.0	64.8	–	10.3	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	–	0.0	11.1	–	0.0	0.0	–	0.0
103.0	35.0	0.0	0.0	–	0.0	–	0.0	17.9	–	3.5	0.0	–	0.0
103.0	40.0	0.0	0.0	–	0.0	–	0.0	4.0	–	0.0	0.0	–	0.0
103.0	50.0	0.0	0.0	–	0.0	–	0.0	60.2	–	0.0	0.0	–	0.0
107.0	31.0	0.0	0.0	–	0.0	–	0.0	1.7	–	–	0.0	–	0.0
107.0	35.0	0.0	0.0	–	0.0	–	0.0	3.7	–	0.0	0.0	–	0.0
107.0	60.0	0.0	0.0	–	0.0	–	0.0	3.0	–	0.0	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	2.8	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	3.2	–	–	0.0	0.0	0.0

Semicossyphus pulcher

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	32.0	0.0	0.0	–	0.0	3.5	–	0.0	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	0.0	–	4.9	0.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
113.0	35.0	0.0	0.0	–	0.0	–	0.0	0.0	–	9.1	0.0	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	0.0	2.1	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	7.6	0.0	–	–	0.0	0.0	–

Chromis punctipinnis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	–	–	0.0	0.0	–	48.3	2.7	–	0.0	0.0	–
83.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	1.8	–	0.0	0.0	–

TABLE 4. (cont.)

Chromis punctipinnis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0	0.0	-
83.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	9.5	-	0.0	0.0	-
83.0	70.0	0.0	0.0	-	0.0	0.0	-	0.0	3.3	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	24.5	-	0.0	0.0	-
87.0	50.0	0.0	0.0	-	0.0	0.0	-	12.5	-	1.9	0.0	-	0.0
90.0	39.0	-	0.0	-	-	0.0	-	-	-	13.5	-	-	0.0
90.0	53.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0
93.0	27.0	0.0	0.0	-	0.0	0.0	-	0.0	-	5.6	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0
93.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	9.3	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.7	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	25.1	0.0	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.6	0.0	-	0.0
97.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	10.1	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	13.9	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	0.0	13.7	-	33.1	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	24.9	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	13.9	-	24.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	12.6	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	49.1	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
107.0	31.0	0.0	0.0	-	0.0	-	0.0	0.0	-	-	4.7	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	24.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.1	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.8	0.0	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	1.2	-	0.0
113.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	15.8	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.1	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	25.8	2.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	62.2	3.5	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	20.8	-	0.0	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	16.9	0.0	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	17.5	-	2.3	0.0	-	0.0
120.0	30.0	0.0	0.0	-	0.0	-	0.0	2.5	-	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	4.3	-	1.9	-	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	-	0.0	3.7	-	0.0	-	0.0	0.0
123.0	37.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0
123.0	42.0	-	-	0.0	0.0	-	0.0	127.5	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	0.0	13.4	-	0.0	-	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	13.0	-	-	0.0	0.0	0.0
127.0	50.0	-	-	0.0	0.0	-	0.0	9.9	-	-	0.0	0.0	0.0

TABLE 4. (cont.)

Howella brodiei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 90.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0	0.0	–
90.0 140.0	0.0	–	–	3.2	–	–	0.0	–	–	0.0	–	–
93.0 140.0	–	–	–	0.0	–	–	0.0	–	–	6.3	–	–
113.0 60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	8.8	–	0.0

Brama spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	3.2	–	–	–	–	–	0.0	–	–	0.0	–	–
93.0 120.0	0.0	–	–	0.0	–	–	0.0	–	–	3.2	–	–
93.0 140.0	–	–	–	0.0	–	–	2.8	–	–	0.0	–	–
97.0 70.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
100.0 35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
100.0 70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
100.0 80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	6.7	–	0.0
110.0 70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0
113.0 45.0	0.0	0.0	–	0.0	–	6.0	0.0	–	0.0	0.0	–	0.0
120.0 45.0	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0	–	0.0	0.0
123.0 42.0	–	–	3.7	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
127.0 40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	0.0	2.8

Carangidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 25.0	–	–	0.0	0.0	–	0.0	1.2	–	–	0.0	0.0	0.0
137.0 22.0	–	–	0.0	0.0	–	0.0	6.6	–	–	0.0	0.0	0.0
137.0 23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	0.0

Seriola lalandi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0 45.0	0.0	0.0	–	0.0	–	0.0	3.5	–	3.4	–	0.0	0.0
117.0 50.0	0.0	0.0	–	0.0	–	0.0	6.8	–	0.0	–	0.0	0.0
120.0 50.0	0.0	–	0.0	0.0	–	0.0	7.0	–	0.0	–	0.0	0.0
123.0 42.0	–	–	0.0	0.0	–	0.0	78.5	–	0.0	–	0.0	0.0
123.0 45.0	–	–	0.0	0.0	–	0.0	53.6	–	0.0	–	0.0	0.0
127.0 45.0	–	–	0.0	0.0	–	0.0	100.4	–	–	0.0	0.0	0.0
127.0 50.0	–	–	0.0	0.0	–	0.0	13.2	–	–	0.0	0.0	0.0
130.0 60.0	–	–	0.0	0.0	–	0.0	3.5	–	–	0.0	0.0	–

TABLE 4. (cont.)

Trachurus symmetricus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	0.0	–	–	0.0	–	6.9	0.0	–	0.0	0.0	–
60.0	90.0	0.0	0.0	–	–	3.2	–	8.4	3.2	–	0.0	0.0	–
63.0	52.0	0.0	0.0	–	–	0.0	–	4.3	0.0	–	0.0	0.0	–
63.0	60.0	0.0	0.0	–	–	0.0	–	13.8	0.0	–	0.0	0.0	–
63.0	90.0	0.0	0.0	–	–	6.6	–	0.0	0.0	–	0.0	0.0	–
67.0	60.0	0.0	0.0	–	–	3.4	–	3.6	–	–	0.0	0.0	–
67.0	65.0	0.0	0.0	–	–	0.0	–	7.0	0.0	–	0.0	0.0	–
67.0	70.0	0.0	0.0	–	–	0.0	–	10.7	0.0	–	0.0	0.0	–
67.0	90.0	0.0	0.0	–	–	16.1	–	15.8	0.0	–	0.0	0.0	–
70.0	53.0	0.0	0.0	–	–	5.8	–	0.0	0.0	–	0.0	0.0	–
70.0	60.0	0.0	0.0	–	–	0.0	–	10.1	0.0	–	0.0	0.0	–
70.0	80.0	0.0	0.0	–	–	90.7	–	34.0	0.0	–	0.0	0.0	–
70.0	90.0	0.0	0.0	–	–	0.0	–	6.2	0.0	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
73.0	70.0	0.0	0.0	–	–	57.0	–	48.0	0.0	–	0.0	0.0	–
73.0	80.0	0.0	0.0	–	–	7.5	–	35.7	0.0	–	0.0	0.0	–
73.0	90.0	0.0	0.0	–	–	3.5	–	3.4	0.0	–	0.0	0.0	–
77.0	60.0	0.0	0.0	–	–	24.1	–	0.0	0.0	–	0.0	0.0	–
77.0	65.0	0.0	0.0	–	–	0.0	–	6.7	0.0	–	0.0	0.0	–
77.0	70.0	0.0	0.0	–	–	0.0	–	3.2	0.0	–	0.0	0.0	–
77.0	80.0	0.0	0.0	–	0.0	29.8	–	0.0	0.0	–	0.0	0.0	–
77.0	90.0	0.0	0.0	–	0.0	67.8	–	2.9	0.0	–	0.0	0.0	–
80.0	60.0	0.0	0.0	–	0.0	65.3	–	0.0	0.0	–	0.0	0.0	–
80.0	65.0	0.0	0.0	–	0.0	102.2	–	13.0	0.0	–	0.0	0.0	–
80.0	70.0	0.0	–	–	0.0	26.0	–	3.2	0.0	–	–	0.0	–
80.0	80.0	0.0	0.0	–	0.0	68.8	–	0.0	0.0	–	0.0	0.0	–
80.0	90.0	0.0	0.0	–	0.0	66.6	–	0.0	0.0	–	0.0	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	0.0	2.7	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	–
83.0	70.0	0.0	0.0	–	0.0	14.5	–	0.0	0.0	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	102.3	–	13.6	0.0	–	0.0	0.0	–
83.0	90.0	0.0	0.0	–	0.0	168.6	–	3.1	0.0	–	0.0	0.0	–
87.0	33.0	0.0	0.0	–	0.0	3.3	–	38.2	–	0.0	0.0	–	0.0
87.0	35.0	0.0	0.0	–	0.0	3.3	–	25.6	–	0.0	0.0	–	0.0
87.0	40.0	0.0	0.0	–	0.0	3.2	–	0.0	–	23.2	0.0	–	0.0
87.0	50.0	0.0	0.0	–	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0
87.0	55.0	0.0	0.0	–	0.0	17.9	–	0.0	–	0.0	0.0	–	0.0
87.0	60.0	0.0	0.0	–	–	0.0	–	3.3	–	0.0	0.0	0.0	–
87.0	70.0	0.0	0.0	–	3.0	17.9	–	28.6	–	0.0	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	23.0	–	0.0	–	0.0	0.0	0.0	–
87.0	90.0	0.0	0.0	–	0.0	276.3	–	3.3	–	0.0	0.0	0.0	–
90.0	32.0	0.0	0.0	–	0.0	10.4	–	0.0	–	0.0	0.0	–	0.0
90.0	37.0	0.0	0.0	–	0.0	6.7	–	0.0	–	0.0	0.0	–	0.0
90.0	39.0	–	0.0	–	–	21.2	–	–	–	0.0	–	–	0.0
90.0	53.0	0.0	0.0	–	3.4	0.0	–	6.6	–	0.0	0.0	–	0.0
90.0	60.0	0.0	0.0	3.5	0.0	9.9	–	24.3	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	65.0	-	-	14.5	-	-	-	-	-	-	-	-	-
90.0	70.0	3.3	0.0	-	111.7	25.4	-	3.1	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	3.2	129.6	-	9.0	-	0.0	0.0	-	0.0
90.0	90.0	0.0	0.0	-	18.8	213.9	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	0.0	-	-	13.4	-	-	0.0	-	-	0.0	-	-
93.0	28.0	0.0	0.0	-	0.0	0.0	-	115.6	-	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	-	0.0	0.0	-	8.5	-	2.9	0.0	-	0.0
93.0	35.0	0.0	0.0	-	0.0	76.4	-	0.0	-	12.7	0.0	-	0.0
93.0	40.0	0.0	0.0	-	0.0	3.0	-	0.0	-	12.4	0.0	-	0.0
93.0	45.0	0.0	0.0	-	0.0	0.0	-	3.2	-	3.4	0.0	-	0.0
93.0	50.0	0.0	0.0	-	3.0	0.0	-	0.0	-	19.3	0.0	-	0.0
93.0	55.0	0.0	0.0	-	0.0	35.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	19.0	36.0	-	3.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	8.7	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	32.1	26.6	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	8.7	102.6	-	28.6	-	0.0	0.0	-	0.0
93.0	100.0	0.0	-	-	6.4	-	-	37.1	-	-	0.0	-	-
93.0	120.0	0.0	-	-	3.1	-	-	0.0	-	-	0.0	-	-
93.0	140.0	-	-	-	6.0	-	-	0.0	-	-	0.0	-	-
97.0	29.0	0.0	0.0	-	0.0	-	0.0	11.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	0.0	15.7	-	0.0	0.0	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	26.3	-	3.3	0.0	-	0.0
97.0	35.0	0.0	0.0	-	3.2	-	0.0	22.1	-	8.9	0.0	-	0.0
97.0	40.0	0.0	0.0	-	0.0	-	12.7	21.2	-	3.1	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	162.5	11.3	-	3.3	0.0	-	0.0
97.0	50.0	0.0	0.0	-	0.0	-	16.0	19.5	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	6.2	-	0.0	8.1	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	9.2	-	0.0	16.6	-	2.3	0.0	-	0.0
97.0	70.0	0.0	-	-	3.1	-	47.5	13.6	-	3.0	0.0	-	0.0
97.0	80.0	0.0	-	-	3.3	-	3.1	57.1	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	17.8	-	6.1	21.0	-	5.9	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	0.0	55.0	-	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	3.1	-	0.0	20.5	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	41.7	-	13.7	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	1918.4	38.2	-	3.3	0.0	-	0.0
100.0	55.0	0.0	0.0	-	11.4	-	286.2	36.9	-	0.0	0.0	-	0.0
100.0	60.0	0.0	22.5	-	15.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	70.0	0.0	25.9	-	3.3	-	119.5	8.5	-	3.7	0.0	-	0.0
100.0	80.0	0.0	24.6	-	12.3	-	40.7	4.3	-	0.0	0.0	-	0.0
100.0	90.0	0.0	0.0	-	67.8	-	12.0	36.0	-	3.7	0.0	-	0.0
103.0	30.0	0.0	9.9	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	35.0	0.0	6.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	-	0.0	4.0	-	0.0	0.0	-	0.0
103.0	45.0	0.0	0.0	-	3.1	-	10.5	8.4	-	0.0	0.0	-	0.0
103.0	50.0	0.0	108.2	-	6.7	-	0.0	25.8	-	0.0	0.0	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	3.5	28.2	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	60.0	0.0	44.6	-	3.6	-	0.0	10.7	-	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	6.1	-	62.9	0.0	-	0.0	0.0	-	0.0
103.0	80.0	0.0	0.0	-	61.4	-	3.2	3.3	-	0.0	0.0	-	0.0
107.0	35.0	0.0	10.1	-	0.0	-	3.5	7.5	-	3.5	0.0	-	0.0
107.0	40.0	0.0	62.6	-	12.2	-	0.0	13.6	-	3.8	0.0	-	0.0
107.0	45.0	0.0	0.0	-	18.3	-	12.6	29.6	-	35.6	0.0	-	0.0
107.0	50.0	0.0	96.6	-	6.5	-	0.0	71.3	-	0.0	0.0	-	0.0
107.0	55.0	0.0	17.9	-	6.0	-	0.0	13.8	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	21.7	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	7.3	-	28.8	-	3.1	9.2	-	0.0	0.0	-	0.0
107.0	80.0	0.0	0.0	-	5.7	-	3.0	30.1	-	0.0	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
110.0	35.0	0.0	0.0	-	0.0	-	0.0	6.9	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	0.0	-	0.0	19.9	-	0.0	0.0	-	0.0
110.0	45.0	0.0	0.0	-	3.0	-	0.0	12.2	-	0.0	0.0	-	0.0
110.0	50.0	0.0	3.4	-	0.0	-	12.2	26.5	-	0.0	0.0	-	0.0
110.0	60.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	19.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	0.0	-	121.6	6.6	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	13.2	0.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	3.6	-	9.0	-	0.0	3.8	-	0.0	0.0	-	0.0
113.0	50.0	0.0	3.6	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	9.3	0.0	-	0.0	0.0	-	0.0
117.0	35.0	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	41.8	0.0	-	3.6	0.0	-	0.0
117.0	45.0	0.0	0.0	-	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0
117.0	70.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0
117.0	80.0	-	0.0	-	3.0	-	16.0	0.0	-	0.0	-	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
120.0	55.0	-	-	0.0	-	-	28.8	-	-	0.0	-	-	0.0
120.0	60.0	0.0	-	0.0	0.0	-	19.2	0.0	-	0.0	-	0.0	0.0
120.0	70.0	0.0	-	0.0	0.0	-	6.7	0.0	-	0.0	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	7.2	0.0	-	0.0	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	2.9	6.5	-	0.0	-	0.0	0.0
123.0	60.0	-	-	0.0	0.0	-	6.1	0.0	-	0.0	-	0.0	0.0
127.0	60.0	-	-	0.0	0.0	-	3.1	0.0	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	3.0	0.0	-	-	0.0	0.0	0.0
130.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
130.0	50.0	-	-	0.0	0.0	-	3.2	0.0	-	-	0.0	0.0	-

TABLE 4. (cont.)

Coryphaena hippurus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2

Gerreidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	-	0.0	-	0.0	12.5	-	0.0	0.0	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	13.1	-	0.0	0.0	-	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	5.5	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	0.0	0.0	-	2.8	-	0.0	0.0

Haemulidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0	33.0	0.0	0.0	-	0.0	-	0.0	6.9	-	0.0	0.0	-	0.0
120.0	30.0	0.0	0.0	-	0.0	-	0.0	2.5	-	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	4.3	-	0.0	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	6.8	-	-	0.0	0.0	0.0

Girella nigricans

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	48.0	0.0	0.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
87.0	35.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0
90.0	28.0	0.0	0.0	-	0.0	0.0	-	6.5	-	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	0.0	2.8	-	0.0	0.0	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	0.0	9.4	-	0.0	0.0	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	17.5	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	4.6	-	0.0	0.0	-	0.0

Medialuna californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	0.0	-	-	0.0	-	3.8	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-
87.0	40.0	0.0	0.0	-	0.0	0.0	-	3.5	-	0.0	0.0	-	0.0
87.0	50.0	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	-	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	0.0	5.5	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	6.9	0.0	-	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	3.6	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Medialuna californiensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	45.0	0.0	0.0	-	0.0	-	0.0	4.1	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	0.0	-	2.9	0.0	-	0.0	0.0	-	0.0

Caulolatilus princeps

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.0	-	0.0
133.0	50.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.7	-

Sciaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	52.0	-	2.9	-	-	-	-	-	-	-	-	-	-
57.0	51.0	-	31.9	-	-	-	-	-	-	-	-	-	-
60.0	50.0	148.2	2.3	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0	52.0	80.3	330.0	-	-	0.0	-	0.0	0.0	-	14.0	0.0	-
60.0	55.0	0.0	17.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	65.0	0.0	2.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	172.4	118.2	-	-	0.0	-	12.5	0.0	-	0.0	1136.7	-
63.0	52.0	0.0	85.9	-	-	0.0	-	0.0	0.0	-	8.7	6.5	-
63.0	55.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.6	-
63.0	60.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.2	0.0	-
67.0	48.0	71.4	87.3	-	-	0.0	-	10.2	0.0	-	89.2	0.0	-
67.0	50.0	6.6	0.0	-	-	0.0	-	0.0	0.0	-	42.5	0.0	-
67.0	60.0	3.3	0.0	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0	65.0	5.9	1.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	13.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	26.0	-
73.0	50.0	16.3	0.0	-	-	0.0	-	0.0	0.0	-	3.2	0.0	-
73.0	65.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
77.0	48.0	128.6	4.8	-	-	0.0	-	0.0	0.0	-	5.4	0.0	-
77.0	51.0	77.7	0.0	-	-	0.0	-	0.0	3.1	-	0.0	3.5	-
77.0	55.0	16.9	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	0.0	1.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	3.0	859.3	-	0.0	0.0	-	0.0	4.3	-	0.0	0.0	-
80.0	52.0	6.3	121.8	-	9.5	0.0	-	0.0	0.0	-	0.0	5.9	-
80.0	55.0	3.4	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0	3.3	-
82.0	47.0	66.2	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	40.0	159.1	1396.7	-	0.0	5.0	-	0.0	0.0	-	7.3	13.9	-
83.0	43.0	3.2	209.2	-	0.0	8.2	-	14.2	6.4	-	0.0	3.2	-
83.0	51.0	79.7	31.8	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	0.0	3.5	-	3.4	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	33.0	886.3	291.2	-	0.0	0.0	-	5.5	-	13.0	6.0	-	57.5
87.0	35.0	220.2	50.8	-	0.0	0.0	-	0.0	-	0.0	0.0	-	15.4
87.0	40.0	0.0	3.4	-	0.0	6.5	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	6.3	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	0.0	748.2	-	21.2	78.3	-	3.3	-	12.3	0.0	-	11.2
90.0	32.0	3.3	0.0	-	6.8	100.6	-	17.9	-	0.0	0.0	-	6.5
90.0	37.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3
90.0	45.0	0.0	3.2	0.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	144.2	-	20.6	0.0	-	87.1	-	0.0	0.0	-	27.2
93.0	28.0	20.0	219.6	-	25.0	25.1	-	497.6	-	0.0	0.0	-	6.4
93.0	30.0	3.3	79.3	-	6.6	0.0	-	8.5	-	2.9	0.0	-	0.0
93.0	35.0	0.0	187.2	-	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0
93.0	40.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	0.0	3.3	-	-	-	-	-	-	-	-	-	-
97.0	29.0	2.0	1107.6	-	51.6	-	6.4	8.3	-	1.7	4.5	-	79.5
97.0	30.0	2.8	278.3	-	42.6	-	0.0	6.3	-	0.0	15.3	-	39.6
97.0	32.0	0.0	12.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.2
100.0	29.0	0.0	61.5	-	13.5	-	18.1	14.4	-	0.0	0.0	-	5.7
100.0	30.0	0.0	146.3	-	21.8	-	22.0	3.6	-	0.0	0.0	-	0.0
100.0	35.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	93.8	-	1.7	-	2.2	0.0	-	0.0	1.9	-	15.5
103.0	30.0	0.0	0.0	-	0.0	-	0.0	2.9	-	0.0	0.0	-	0.0
107.0	31.0	47.9	336.7	-	0.0	-	0.0	1.7	-	-	1.4	-	2.5
107.0	32.0	0.0	73.0	-	0.0	-	3.0	0.0	-	0.0	23.4	-	0.0
110.0	32.0	6.1	93.4	-	8.2	-	0.0	0.0	-	0.0	0.0	-	13.5
110.0	35.0	51.3	0.0	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	2.2	-	0.0	-	0.0	0.0	-	4.5	0.0	-	27.0
113.0	30.0	0.0	51.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	110.7
113.0	35.0	0.0	0.0	-	0.0	-	9.9	0.0	-	0.0	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.0	-	0.0
117.0	30.0	0.0	0.0	-	0.0	-	2.7	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	4.2	0.0	-	0.0	0.0	-	0.0
117.0	50.0	0.0	0.0	-	0.0	-	3.9	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	0.0	-	0.0	-	8.0	0.0	-	0.0	0.0	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	86.4
120.0	40.0	0.0	-	0.0	0.0	-	2.2	0.0	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.5	13.8
127.0	34.0	-	-	0.0	0.0	-	5.1	0.0	-	0.0	0.0	-	10.9
127.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	3.2	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.9	0.0	0.0
130.0	35.0	-	-	0.0	0.0	-	5.5	0.0	-	-	3.2	0.0	0.0
133.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.4	0.0
133.0	25.0	-	-	0.0	0.0	-	0.0	1.2	-	-	0.0	14.0	0.0

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	22.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	4.9
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.8	2.5
137.0	40.0	-	-	0.0	0.0	-	3.2	0.0	-	-	0.0	0.0	-

Serranidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	53.0	0.0	0.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
77.0	48.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	2.7	0.0	-
80.0	52.0	0.0	0.0	-	0.0	0.0	-	3.5	3.5	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	22.5	24.2	-	0.0	0.0	-
83.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	1.8	-	0.0	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	3.6	16.0	-	0.0	0.0	-
83.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	6.3	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	24.5	-	0.0	0.0	-
87.0	33.0	0.0	2.6	-	0.0	0.0	-	5.5	-	41.6	0.0	-	0.0
87.0	35.0	0.0	0.0	-	0.0	0.0	-	14.6	-	8.1	0.0	-	0.0
87.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.3	0.0	-	0.0
87.0	45.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.2	0.0	-	0.0
90.0	28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	49.3	3.3	-	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	-	14.3	-	0.0	0.0	-	0.0
90.0	37.0	0.0	0.0	-	0.0	0.0	-	18.3	-	3.8	0.0	-	0.0
93.0	28.0	0.0	0.0	-	0.0	0.0	-	28.9	-	2.9	0.0	-	0.0
97.0	29.0	0.0	0.0	-	0.0	-	3.2	13.8	-	10.4	4.5	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	0.0	3.1	-	4.2	0.0	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	8.8	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	0.0	17.9	-	6.9	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	1.5	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	4.7	0.0	-	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0
118.0	39.0	0.0	0.0	-	0.0	-	8.0	0.0	-	6.5	0.0	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	3.3	3.5	-	0.0	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	6.3	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	2.1	-	0.0
120.0	30.0	0.0	0.0	-	0.0	-	0.0	5.0	-	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	21.3	-	1.9	-	1.7	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	11.7	-	0.0	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	2.8	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	2.9	0.0	-	0.0	-	0.0	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	6.5	-	-	0.0	0.0	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	0.0	-	-	27.1	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	5.9	0.0	0.0

TABLE 4. (cont.)

Serranidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	35.0	–	–	0.0	0.0	–	2.7	0.0	–	–	3.2	0.0	0.0
130.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	10.3	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	7.6	0.0	–	–	3.3	0.0	–
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.5	0.0	0.0
133.0	35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	19.5	0.0	0.0
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	63.4	0.0	0.0
137.0	30.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	0.0	14.6
137.0	35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	20.9	2.9	0.0
137.0	40.0	–	–	0.0	0.0	–	3.2	0.0	–	–	0.0	0.0	–
137.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.4	0.0	–

Gempylidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	–

Scombridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.3	0.0

Auxis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	–	–	0.0	2.8	–	0.0	0.0	–	0.0	–	0.0	0.0
137.0	35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	0.0	0.0

Sarda chiliensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	–	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0
93.0	28.0	0.0	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	–	0.0	30.3	–	0.0	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	–	0.0	34.4	–	0.0	0.0	–	0.0
97.0	32.0	0.0	0.0	–	0.0	–	0.0	17.5	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	0.0	13.7	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	0.0	49.0	–	0.0	0.0	–	0.0
117.0	50.0	0.0	0.0	–	0.0	–	19.4	0.0	–	0.0	–	0.0	0.0
118.0	39.0	0.0	0.0	–	0.0	–	8.0	14.1	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Sarda chiliensis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0	33.0	0.0	0.0	–	0.0	–	121.0	10.4	–	0.0	0.0	–	0.0
120.0	30.0	0.0	0.0	–	0.0	–	26.8	19.8	–	0.0	0.0	–	0.0
120.0	35.0	0.0	–	0.0	0.0	–	0.0	2.5	–	0.0	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	13.3	0.0	–	0.0	–	0.0	0.0
120.0	45.0	0.0	–	0.0	0.0	–	0.0	7.5	–	0.0	–	0.0	0.0
120.0	60.0	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	0.0	–	86.1	85.0	–	0.0	–	0.0	0.0
123.0	45.0	–	–	0.0	0.0	–	0.0	10.1	–	0.0	–	0.0	0.0
127.0	40.0	–	–	0.0	0.0	–	131.0	0.0	–	–	0.0	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	84.2	–	–	0.0	0.0	0.0
130.0	40.0	–	–	0.0	0.0	–	6.5	0.0	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	7.6	0.0	–	–	0.0	0.0	–
133.0	35.0	–	–	0.0	0.0	–	0.0	12.8	–	–	0.0	0.0	0.0
137.0	30.0	–	–	0.0	0.0	–	0.0	13.0	–	–	0.0	0.0	0.0
137.0	40.0	–	–	0.0	0.0	–	28.8	0.0	–	–	0.0	0.0	–
137.0	50.0	–	–	0.0	0.0	–	5.7	0.0	–	–	0.0	0.0	–
137.0	60.0	–	–	0.0	0.0	–	6.0	0.0	–	–	0.0	0.0	–

Scomber japonicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.6	0.0	–	0.0
87.0	40.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0
90.0	37.0	0.0	0.0	–	0.0	0.0	–	14.6	–	0.0	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
97.0	32.0	0.0	0.0	–	0.0	–	0.0	8.8	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	20.6	0.0	–	0.0	0.0	–	0.0
100.0	45.0	0.0	0.0	–	0.0	–	0.0	4.6	–	0.0	0.0	–	0.0
103.0	45.0	0.0	21.4	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	8.4	0.0	–	0.0	0.0	–	0.0
118.0	39.0	0.0	0.0	–	0.0	–	8.0	0.0	–	0.0	0.0	–	0.0
119.0	33.0	0.0	0.0	–	0.0	–	3.3	0.0	–	0.0	0.0	–	0.0
120.0	24.0	0.0	0.0	–	0.0	–	0.0	0.0	–	21.1	0.0	–	0.0
120.0	30.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
120.0	40.0	0.0	–	0.0	0.0	–	11.1	2.1	–	7.8	–	0.0	0.0
127.0	34.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	2.6	–	0.0
130.0	45.0	–	–	0.0	0.0	–	30.4	0.0	–	–	0.0	0.0	–
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	117.0	2.4	0.0
133.0	25.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.0	14.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	5.6	0.0	0.0
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	0.0

TABLE 4. (cont.)

Trichiuridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.8	–	0.0
110.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	8.5	0.0	–	0.0
110.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	5.4	0.0	–	0.0
113.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	7.9	–	0.0
117.0	35.0	0.0	0.0	–	0.0	–	0.0	5.4	–	0.0	0.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	0.0	7.5	–	0.0	0.0	–	0.0
117.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	9.1	0.0
117.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	17.1	0.0
117.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	–	0.0	0.0
120.0	60.0	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0
123.0	42.0	–	–	0.0	0.0	–	5.7	0.0	–	0.0	–	0.0	0.0
123.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	6.5	–	0.0	0.0
127.0	40.0	–	–	0.0	0.0	–	0.0	3.4	–	–	0.0	0.0	0.0
127.0	45.0	–	–	0.0	0.0	–	0.0	3.2	–	–	3.6	0.0	0.0
127.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.0	0.0	0.0
130.0	35.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	3.8	0.0	–	–	0.0	0.0	–
130.0	50.0	–	–	0.0	0.0	–	3.2	0.0	–	–	0.0	0.0	–
133.0	35.0	–	–	0.0	0.0	–	0.0	6.4	–	–	0.0	0.0	0.0
137.0	35.0	–	–	6.6	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
137.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.2	0.0	–
137.0	60.0	–	–	0.0	0.0	–	3.0	0.0	–	–	0.0	0.0	–

Sphyraena argentea

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	0.0	0.0	–	0.0	0.0	–	8.2	–	0.0	0.0	–	0.0
90.0	28.0	0.0	0.0	–	0.0	0.0	–	6.5	–	0.0	0.0	–	0.0
90.0	37.0	0.0	0.0	–	0.0	0.0	–	11.0	–	0.0	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
97.0	29.0	0.0	0.0	–	0.0	–	0.0	2.8	–	0.0	0.0	–	0.0
97.0	30.0	0.0	2.5	–	0.0	–	0.0	6.3	–	0.0	0.0	–	0.0
97.0	32.0	0.0	0.0	–	0.0	–	0.0	4.4	–	0.0	0.0	–	0.0
100.0	29.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	0.0	–	0.0	3.6	–	0.0	0.0	–	0.0
107.0	31.0	0.0	0.0	–	0.0	–	0.0	1.7	–	–	0.0	–	0.0
117.0	35.0	0.0	0.0	–	0.0	–	0.0	5.4	–	0.0	0.0	–	0.0
123.0	42.0	–	–	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0
133.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	9.8	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	5.6	0.0	0.0

TABLE 4. (cont.)

Icichthys lockingtoni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0 50.0	5.5	–	–	–	–	–	–	–	–	–	–	–
40.0 90.0	2.0	–	–	–	–	–	–	–	–	–	–	–
40.0 100.0	2.9	–	–	–	–	–	–	–	–	–	–	–
43.0 45.0	2.8	–	–	–	–	–	–	–	–	–	–	–
43.0 50.0	2.7	–	–	–	–	–	–	–	–	–	–	–
43.0 60.0	6.2	–	–	–	–	–	–	–	–	–	–	–
43.0 100.0	3.1	–	–	–	–	–	–	–	–	–	–	–
47.0 50.0	10.1	–	–	–	–	–	–	–	–	–	–	–
47.0 60.0	5.3	–	–	–	–	–	–	–	–	–	–	–
47.0 70.0	3.3	–	–	–	–	–	–	–	–	–	–	–
50.0 90.0	–	3.7	–	–	–	–	–	–	–	–	–	–
50.0 100.0	–	3.3	–	–	–	–	–	–	–	–	–	–
53.0 55.0	–	3.0	–	–	–	–	–	–	–	–	–	–
53.0 60.0	–	2.9	–	–	–	–	–	–	–	–	–	–
53.0 70.0	–	3.0	–	–	–	–	–	–	–	–	–	–
53.0 90.0	–	3.1	–	–	–	–	–	–	–	–	–	–
57.0 55.0	–	6.3	–	–	–	–	–	–	–	–	–	–
57.0 60.0	–	5.8	–	–	–	–	–	–	–	–	–	–
57.0 70.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0 52.0	2.8	9.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0 55.0	2.8	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0 60.0	0.0	0.0	–	–	0.0	–	3.4	0.0	–	0.0	0.0	–
60.0 65.0	2.8	0.0	–	–	10.1	–	6.8	3.2	–	0.0	3.4	–
60.0 70.0	6.3	2.0	–	–	0.0	–	4.9	5.6	–	0.0	0.0	–
60.0 80.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.3	–
60.0 90.0	3.3	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0 50.0	0.0	0.0	–	–	0.0	–	4.2	0.0	–	0.0	0.0	–
63.0 52.0	6.4	8.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0 55.0	6.4	1.5	–	–	0.0	–	7.2	0.0	–	0.0	0.0	–
63.0 60.0	13.2	3.0	–	–	0.0	–	9.2	0.0	–	0.0	0.0	–
63.0 65.0	0.0	3.0	–	–	0.0	–	4.5	0.0	–	0.0	0.0	–
63.0 70.0	6.6	0.0	–	–	0.0	–	8.1	3.4	–	0.0	0.0	–
63.0 80.0	0.0	0.0	–	–	–	–	–	0.0	–	10.5	0.0	–
63.0 90.0	35.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0 48.0	1.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0 50.0	3.3	4.7	–	–	0.0	–	10.4	0.0	–	0.0	0.0	–
67.0 55.0	3.2	10.7	–	–	0.0	–	14.3	0.0	–	0.0	0.0	–
67.0 60.0	0.0	3.4	–	–	6.7	–	3.6	–	–	3.6	0.0	–
67.0 65.0	8.9	5.0	–	–	7.5	–	0.0	13.7	–	0.0	0.0	–
67.0 70.0	0.0	10.1	–	–	3.4	–	0.0	8.6	–	0.0	0.0	–
67.0 80.0	6.0	0.0	–	–	–	–	19.3	13.4	–	0.0	0.0	–
67.0 90.0	0.0	0.0	–	–	0.0	–	7.9	3.2	–	3.3	0.0	–
70.0 51.0	3.5	0.5	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0 53.0	9.6	8.8	–	–	0.0	–	6.5	0.0	–	0.0	0.0	–
70.0 60.0	23.1	8.1	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0 65.0	0.0	0.0	–	–	0.0	–	10.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	3.3	6.1	-	-	0.0	-	0.0	6.0	-	0.0	0.0	-
70.0	75.0	-	7.5	-	-	0.0	-	-	3.1	-	-	0.0	-
70.0	80.0	0.0	3.1	-	-	10.5	-	3.8	3.3	-	0.0	0.0	-
70.0	90.0	0.0	0.0	-	-	0.0	-	0.0	3.2	-	0.0	0.0	-
70.0	100.0	-	1.7	-	-	0.0	-	-	6.3	-	-	0.0	-
73.0	53.0	17.9	6.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	3.1	1.4	-	-	0.0	-	0.0	2.8	-	0.0	0.0	-
73.0	65.0	0.0	0.0	-	-	6.8	-	3.5	2.6	-	0.0	0.0	-
73.0	70.0	14.9	0.0	-	-	19.0	-	20.0	0.0	-	0.0	0.0	-
73.0	80.0	18.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	90.0	3.5	2.0	-	-	0.0	-	0.0	3.0	-	0.0	3.0	-
77.0	55.0	3.4	0.0	-	-	0.0	-	3.3	0.0	-	3.3	0.0	-
77.0	60.0	3.4	20.5	-	-	16.0	-	16.2	0.0	-	0.0	0.0	-
77.0	65.0	6.1	7.3	-	-	0.0	-	20.2	3.5	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	17.2	-	3.2	0.0	-	3.5	0.0	-
77.0	80.0	0.0	0.0	-	3.3	3.7	-	0.0	0.0	-	0.0	0.0	-
77.0	90.0	6.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	13.5	8.2	-	3.9	0.0	-	0.0	0.0	-
80.0	60.0	3.3	4.4	-	0.0	20.1	-	3.3	0.0	-	0.0	0.0	-
80.0	65.0	0.0	3.3	-	0.0	8.8	-	13.0	0.0	-	3.1	0.0	-
80.0	70.0	0.0	-	-	0.0	0.0	-	6.3	0.0	-	-	0.0	-
80.0	90.0	0.0	0.0	-	0.0	0.0	-	3.1	4.0	-	0.0	0.0	-
83.0	55.0	6.5	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	60.0	0.0	7.0	-	0.0	3.8	-	3.6	0.0	-	0.0	0.0	-
83.0	70.0	0.0	0.0	-	0.0	0.0	-	15.5	0.0	-	0.0	0.0	-
83.0	80.0	0.0	6.0	-	0.0	0.0	-	10.2	0.0	-	0.0	0.0	-
87.0	35.0	0.0	0.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	9.9	0.0	-	3.7	3.6	-	3.2	-	0.0	0.0	-	0.0
87.0	60.0	3.6	0.0	-	-	0.0	-	3.3	-	0.0	0.0	0.0	-
87.0	70.0	0.0	9.5	-	0.0	3.6	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	3.4	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0	0.0	-
87.0	90.0	10.4	3.3	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	45.0	0.0	0.0	3.3	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	0.0	0.0	-	3.4	0.0	-	3.3	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	3.5	3.2	0.0	-	3.5	-	0.0	0.0	-	0.0
90.0	70.0	0.0	0.0	-	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	-	3.2
93.0	55.0	0.0	0.0	-	6.3	0.0	-	3.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	2.7	0.0	-	5.9	-	0.0	0.0	-	0.0
93.0	70.0	0.0	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0
93.0	100.0	0.0	-	-	0.0	-	-	3.1	-	-	0.0	-	-

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	0.0	–	6.8	–	0.0	0.0	–	0.0	0.0	–	0.0
97.0	40.0	0.0	0.0	–	0.0	–	6.4	0.0	–	0.0	0.0	–	0.0
97.0	60.0	0.0	0.0	–	0.0	–	0.0	8.3	–	0.0	0.0	–	3.2
97.0	70.0	0.0	–	–	0.0	–	0.0	9.1	–	0.0	0.0	–	0.0
97.0	80.0	0.0	–	–	0.0	–	3.1	6.7	–	0.0	0.0	–	0.0
97.0	90.0	0.0	–	–	0.0	–	0.0	3.0	–	0.0	0.0	–	0.0
100.0	45.0	0.0	6.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	50.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	8.9
103.0	40.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	3.5	0.0	–	0.0	0.0	–	0.0

Nomeidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0

Peprilus simillimus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	0.0	0.0	–	–	0.0	–	0.0	3.2	–	0.0	0.0	–
73.0	53.0	0.0	0.0	–	–	0.0	–	3.9	0.0	–	0.0	0.0	–
77.0	55.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
80.0	51.0	0.0	0.0	–	0.0	0.0	–	0.0	4.3	–	0.0	0.0	–
80.0	52.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	6.0	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	3.2	21.5	–	3.3	0.0	–
83.0	40.0	0.0	0.0	–	0.0	0.0	–	1.4	0.0	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	4.1	–	35.6	3.2	–	0.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	3.5	–	0.0	0.0	–
87.0	33.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.6	0.0	–	0.0
87.0	35.0	0.0	0.0	–	0.0	0.0	–	18.3	–	0.0	0.0	–	0.0
87.0	70.0	0.0	0.0	–	0.0	0.0	–	3.6	–	0.0	0.0	0.0	–
93.0	27.0	0.0	0.0	–	14.7	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	28.0	0.0	0.0	–	3.1	0.0	–	28.9	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	6.2	–	4.9	3.6	–	0.0	0.0	–	0.0
107.0	31.0	0.0	0.0	–	3.4	–	0.0	0.0	–	–	0.0	–	0.0
107.0	32.0	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	45.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
113.0	40.0	0.0	0.0	–	3.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.0	–	0.0
117.0	40.0	0.0	0.0	–	0.0	–	4.2	0.0	–	0.0	0.0	–	0.0
120.0	24.0	0.0	8.3	–	0.0	–	0.0	2.2	–	0.0	4.7	–	9.1
120.0	25.0	1.8	48.3	–	2.8	–	0.0	0.0	–	0.0	0.0	–	43.2
120.0	30.0	0.0	0.0	–	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Peprilus simillimus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	–	0.0	0.0	–	2.8	0.0	–	0.0	0.0	–	0.0
120.0	40.0	0.0	–	2.9	2.1	–	0.0	0.0	–	3.9	–	0.0	0.0
127.0	34.0	–	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
130.0	28.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.3	0.0	0.0
133.0	35.0	–	–	0.0	0.0	–	0.0	3.2	–	–	0.0	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	2.6	0.0	–	–	0.0	0.0	0.0

Tetragonurus cuvieri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.1	3.1	–
80.0	51.0	0.0	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0	0.0	–
80.0	52.0	0.0	0.0	–	0.0	0.0	–	3.5	0.0	–	0.0	3.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	6.4	0.0	–	0.0	0.0	–
83.0	51.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	3.6	–
83.0	90.0	3.2	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	16.8	6.3	–
87.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	9.9	5.9	–
90.0	53.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.5	–	0.0
90.0	60.0	0.0	0.0	0.0	0.0	0.0	–	3.5	–	0.0	0.0	–	0.0
90.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	–	3.6	0.0	–	0.0
90.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.3	–	0.0
90.0	140.0	0.0	–	–	3.2	–	–	0.0	–	–	0.0	–	–
93.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.2	–	0.0
93.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2
93.0	120.0	0.0	–	–	0.0	–	–	0.0	–	–	9.5	–	–
93.0	140.0	–	–	–	0.0	–	–	2.8	–	–	0.0	–	–
97.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	6.8	–	0.0
97.0	90.0	0.0	–	–	0.0	–	0.0	9.0	–	0.0	0.0	–	0.0
100.0	45.0	0.0	0.0	–	0.0	–	0.0	4.6	–	0.0	0.0	–	0.0
100.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	13.5	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	10.0	–	0.0
100.0	90.0	0.0	0.0	–	0.0	–	0.0	0.0	–	11.0	3.1	–	0.0
103.0	40.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.6	2.9	–	0.0
103.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0
103.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	10.7	0.0	–	0.0
103.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
103.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	13.6	–	0.0
103.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	2.6	–	0.0
103.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	5.8	–	0.0
107.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.1	–	0.0
107.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.4	0.0	–	0.0
107.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	9.1	–	3.0
110.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.5	0.0	–	0.0

TABLE 4. (cont.)

Tetragonurus cuvieri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	2.9	–	0.0
113.0	80.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	22.0	–	0.0
117.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	–	5.9	0.0
117.0	80.0	–	0.0	–	0.0	–	0.0	0.0	–	6.2	–	0.0	0.0

Chiasmodontidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	55.0	0.0	0.0	–	3.7	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	90.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	3.3	0.0	–
93.0	90.0	0.0	0.0	–	0.0	3.1	–	0.0	–	0.0	0.0	–	0.0
100.0	60.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.7	0.0	–	0.0
100.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.3	–	0.0
100.0	90.0	0.0	0.0	–	6.2	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	50.0	0.0	3.5	–	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0
103.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
103.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.3	0.0	–	0.0
103.0	80.0	0.0	0.0	–	3.1	–	3.2	0.0	–	5.5	8.6	–	0.0
107.0	45.0	0.0	3.6	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	50.0	0.0	0.0	–	0.0	–	2.8	0.0	–	0.0	0.0	–	0.0
107.0	70.0	0.0	0.0	–	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0
107.0	80.0	0.0	0.0	–	2.8	–	0.0	10.0	–	0.0	0.0	–	0.0
110.0	70.0	0.0	0.0	–	2.7	–	0.0	0.0	–	0.0	0.0	–	3.1
110.0	80.0	0.0	0.0	–	0.0	–	3.0	3.3	–	3.0	0.0	–	0.0
113.0	70.0	0.0	0.0	–	0.0	–	0.0	0.0	–	3.2	0.0	–	0.0
120.0	35.0	0.0	–	0.0	2.6	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	50.0	3.3	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0
120.0	60.0	0.0	–	0.0	0.0	–	0.0	6.4	–	0.0	–	0.0	0.0
120.0	80.0	–	–	0.0	0.0	–	3.6	0.0	–	0.0	–	3.3	3.1
120.0	90.0	–	–	0.0	–	–	0.0	–	–	6.2	–	–	0.0
123.0	60.0	–	–	0.0	8.3	–	0.0	0.0	–	3.1	–	0.0	0.0
127.0	50.0	–	–	0.0	0.0	–	0.0	3.3	–	–	0.0	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.3	0.0	–
130.0	50.0	–	–	3.6	0.0	–	0.0	0.0	–	–	0.0	0.0	–
130.0	60.0	–	–	0.0	0.0	–	0.0	0.0	–	–	6.2	3.0	–
133.0	35.0	–	–	3.8	0.0	–	0.0	0.0	–	–	0.0	0.0	0.0
133.0	60.0	–	–	0.0	0.0	–	0.0	3.2	–	–	0.0	0.0	–

Pleuronectiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	8.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	55.0	6.5	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	45.0	3.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0

TABLE 4. (cont.)

Pleuronectiformes (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	32.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	16.3
100.0	30.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	6.2
118.0	39.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	6.0
123.0	37.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	5.5

Citharichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	11.0	–	–	–	–	–	–	–	–	–	–	–
40.0	55.0	2.2	–	–	–	–	–	–	–	–	–	–	–
40.0	60.0	5.3	–	–	–	–	–	–	–	–	–	–	–
40.0	80.0	2.5	–	–	–	–	–	–	–	–	–	–	–
40.0	100.0	8.7	–	–	–	–	–	–	–	–	–	–	–
43.0	50.0	2.7	–	–	–	–	–	–	–	–	–	–	–
43.0	55.0	6.1	–	–	–	–	–	–	–	–	–	–	–
47.0	50.0	6.7	–	–	–	–	–	–	–	–	–	–	–
47.0	70.0	3.3	–	–	–	–	–	–	–	–	–	–	–
47.0	90.0	7.0	–	–	–	–	–	–	–	–	–	–	–
50.0	100.0	–	6.7	–	–	–	–	–	–	–	–	–	–
50.0	120.0	3.5	–	–	–	–	–	–	–	–	–	–	–
53.0	55.0	–	5.9	–	–	–	–	–	–	–	–	–	–
53.0	60.0	–	2.9	–	–	–	–	–	–	–	–	–	–
53.0	80.0	–	3.1	–	–	–	–	–	–	–	–	–	–
53.0	100.0	–	3.2	–	–	–	–	–	–	–	–	–	–
57.0	51.0	–	9.6	–	–	–	–	–	–	–	–	–	–
57.0	60.0	–	11.7	–	–	–	–	–	–	–	–	–	–
57.0	100.0	–	6.2	–	–	–	–	–	–	–	–	–	–
60.0	50.0	31.2	4.5	–	–	0.0	–	0.0	0.0	–	2.7	–	–
60.0	52.0	13.9	33.0	–	–	0.0	–	4.5	0.0	–	14.0	0.0	–
60.0	55.0	2.8	5.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
60.0	60.0	6.0	8.8	–	–	0.0	–	0.0	0.0	–	32.6	3.8	–
60.0	65.0	8.4	2.7	–	–	0.0	–	0.0	0.0	–	3.7	40.3	–
60.0	70.0	9.4	0.0	–	–	0.0	–	0.0	2.8	–	19.0	6.0	–
60.0	80.0	3.3	6.3	–	–	0.0	–	0.0	0.0	–	0.0	6.5	–
60.0	90.0	6.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	50.0	6.9	1.6	–	–	0.0	–	10.4	0.0	–	0.0	0.0	–
63.0	52.0	12.7	4.3	–	–	0.0	–	0.0	0.0	–	2.9	2.2	–
63.0	55.0	12.7	37.2	–	–	0.0	–	0.0	6.7	–	0.0	20.6	–
63.0	60.0	9.9	59.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	65.0	0.0	18.0	–	–	0.0	–	0.0	3.5	–	0.0	13.2	–
63.0	70.0	13.3	5.9	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	80.0	6.4	0.0	–	–	–	–	–	0.0	–	3.5	6.8	–
63.0	90.0	6.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	48.0	10.5	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	50.0	96.0	9.3	–	–	0.0	–	0.0	0.0	–	13.1	8.6	–

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	55.0	16.1	15.3	-	-	0.0	-	3.6	0.0	-	16.9	0.0	-
67.0	60.0	6.5	19.3	-	-	0.0	-	0.0	-	-	25.0	0.0	-
67.0	65.0	5.9	18.6	-	-	0.0	-	0.0	20.5	-	6.3	0.0	-
67.0	70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	6.2	0.0	-
67.0	80.0	6.0	1.6	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.3	6.2	-
70.0	51.0	38.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	6.5	-
70.0	53.0	73.4	3.6	-	-	0.0	-	0.0	3.1	-	11.7	12.6	-
70.0	60.0	9.9	8.3	-	-	3.7	-	0.0	10.8	-	3.0	0.0	-
70.0	65.0	7.0	2.6	-	-	0.0	-	3.3	3.2	-	16.6	15.2	-
70.0	70.0	6.6	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	75.0	-	11.3	-	-	0.0	-	-	3.1	-	-	0.0	-
70.0	80.0	0.0	0.0	-	-	0.0	-	0.0	6.6	-	0.0	14.1	-
70.0	90.0	4.8	1.7	-	-	0.0	-	0.0	6.4	-	0.0	0.0	-
70.0	100.0	-	1.7	-	-	0.0	-	-	0.0	-	-	6.1	-
73.0	50.0	65.0	1.3	-	-	0.0	-	0.0	9.5	-	0.0	29.7	-
73.0	53.0	35.9	5.5	-	-	3.9	-	23.6	17.0	-	13.5	12.4	-
73.0	60.0	9.4	1.4	-	-	0.0	-	0.0	0.0	-	0.0	6.3	-
73.0	65.0	6.1	3.2	-	-	0.0	-	7.0	0.0	-	0.0	0.0	-
73.0	70.0	24.9	1.8	-	-	4.8	-	4.0	0.0	-	0.0	2.8	-
73.0	80.0	0.0	6.6	-	-	0.0	-	0.0	19.7	-	29.2	0.0	-
73.0	90.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	9.5	0.0	-
77.0	48.0	2.2	1.9	-	-	0.0	-	0.0	0.0	-	2.7	1.8	-
77.0	51.0	64.2	0.0	-	-	0.0	-	0.0	40.2	-	10.1	3.5	-
77.0	55.0	27.0	1.7	-	-	0.0	-	0.0	3.5	-	42.5	0.0	-
77.0	60.0	3.4	12.4	-	-	0.0	-	0.0	6.5	-	0.0	0.0	-
77.0	65.0	0.0	0.0	-	-	0.0	-	6.7	0.0	-	3.3	0.0	-
77.0	70.0	2.7	1.7	-	-	0.0	-	0.0	3.6	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	90.0	20.9	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	100.0	-	6.3	-	-	-	-	-	-	-	-	-	-
80.0	51.0	41.9	23.9	-	0.0	0.0	-	0.0	4.3	-	0.0	2.8	-
80.0	52.0	53.6	13.9	-	0.0	0.0	-	31.1	80.5	-	6.0	5.9	-
80.0	55.0	13.7	30.6	-	30.4	8.2	-	3.9	20.5	-	13.7	13.2	-
80.0	60.0	3.3	13.1	-	0.0	0.0	-	3.3	3.3	-	26.2	0.0	-
80.0	65.0	0.0	3.3	-	0.0	0.0	-	0.0	13.0	-	9.4	0.0	-
80.0	70.0	0.0	-	-	0.0	0.0	-	0.0	3.0	-	-	0.0	-
80.0	80.0	0.0	3.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	25.2	-	-	6.5	0.0	-	22.5	40.4	-	39.5	0.0	-
83.0	40.0	0.0	0.0	-	0.0	0.0	-	0.7	0.0	-	0.0	2.0	-
83.0	43.0	12.9	3.7	-	0.0	20.5	-	10.7	38.3	-	0.0	3.2	-
83.0	51.0	0.0	7.9	-	0.0	2.8	-	10.2	17.9	-	0.0	0.0	-
83.0	55.0	9.8	29.6	-	0.0	7.4	-	3.2	12.6	-	3.6	0.0	-
83.0	60.0	15.5	7.0	-	10.2	0.0	-	0.0	8.2	-	6.3	3.0	-
83.0	70.0	3.2	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0	0.0	-
83.0	80.0	0.0	15.1	-	0.0	0.0	-	44.3	7.0	-	0.0	0.0	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	24.4	-	0.0	3.0	-
87.0	33.0	2.8	10.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	2.5
87.0	35.0	6.9	35.9	-	0.0	0.0	-	7.3	-	19.0	0.0	-	0.0
87.0	40.0	19.5	68.8	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	45.0	0.0	6.7	-	9.4	0.0	-	3.2	-	9.6	0.0	-	0.0
87.0	50.0	14.8	8.8	-	0.0	0.0	-	6.3	-	0.0	0.0	-	0.0
87.0	55.0	3.3	0.0	-	0.0	0.0	-	3.2	-	2.8	0.0	-	0.0
87.0	60.0	0.0	0.0	-	-	0.0	-	16.6	-	3.2	0.0	0.0	-
87.0	70.0	3.3	12.6	-	3.0	0.0	-	42.8	-	0.0	0.0	0.0	-
87.0	90.0	0.0	3.3	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	28.0	3.4	20.0	-	0.0	0.0	-	3.3	-	6.2	16.8	-	25.3
90.0	32.0	6.6	0.0	-	0.0	0.0	-	3.6	-	4.8	3.5	-	91.0
90.0	37.0	0.0	13.0	-	0.0	6.7	-	18.3	-	7.5	0.0	-	59.9
90.0	39.0	-	24.4	-	-	0.0	-	-	-	0.0	-	-	0.0
90.0	45.0	13.4	0.0	6.6	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	29.7	0.0	-	6.9	0.0	-	26.5	-	0.0	0.0	-	0.0
90.0	60.0	12.4	0.0	3.5	22.6	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	5.4	-	0.0	0.0	-	0.0	-	13.9	0.0	-	33.2
93.0	28.0	0.0	0.0	-	9.4	0.0	-	0.0	-	0.0	6.7	-	0.0
93.0	30.0	0.0	17.3	-	0.0	2.8	-	0.0	-	5.9	0.0	-	39.6
93.0	35.0	0.0	9.1	-	0.0	0.0	-	8.4	-	6.4	0.0	-	3.2
93.0	45.0	0.0	3.1	-	0.0	0.0	-	3.2	-	3.4	0.0	-	3.2
93.0	50.0	0.0	6.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	-	-	0.0	-	3.2
93.0	60.0	0.0	0.0	-	2.7	0.0	-	5.9	-	8.3	0.0	-	0.0
93.0	70.0	0.0	0.0	-	3.4	3.2	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0
97.0	29.0	0.0	2.6	-	0.0	-	0.0	8.3	-	53.9	0.0	-	31.2
97.0	30.0	0.0	2.5	-	0.0	-	1.6	15.7	-	16.7	9.2	-	11.3
97.0	32.0	0.0	3.1	-	3.4	-	3.4	8.8	-	23.2	0.0	-	25.5
97.0	35.0	0.0	0.0	-	0.0	-	3.4	0.0	-	3.0	33.1	-	25.4
97.0	40.0	0.0	0.0	-	0.0	-	0.0	9.1	-	18.8	6.7	-	0.0
97.0	45.0	0.0	0.0	-	3.2	-	0.0	7.6	-	3.3	0.0	-	0.0
97.0	50.0	0.0	0.0	-	0.0	-	0.0	14.6	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
100.0	29.0	3.0	4.1	-	2.7	-	6.0	21.6	-	5.4	0.0	-	5.7
100.0	30.0	3.0	6.4	-	3.1	-	0.0	93.1	-	0.0	0.0	-	6.2
100.0	35.0	0.0	0.0	-	0.0	-	13.8	0.0	-	0.0	0.0	-	0.0
100.0	40.0	2.8	0.0	-	3.1	-	0.0	0.0	-	2.8	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	2.7	4.6	-	75.5	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	4.4	0.0	-	0.0	3.2	-	3.3
100.0	55.0	0.0	0.0	-	0.0	-	0.0	3.7	-	0.0	3.0	-	0.0
100.0	80.0	3.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
100.0	90.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	2.1	-	5.4	0.0	-	0.0

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	6.2	6.6	-	9.7	-	9.8	2.9	-	13.2	0.0	-	1.6
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	18.4
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.6	0.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	-	0.0	4.2	-	23.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	8.6	-	0.0	5.7	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
107.0	31.0	20.2	0.0	-	3.4	-	5.7	16.8	-	-	1.4	-	0.0
107.0	32.0	0.0	14.6	-	11.3	-	18.0	10.3	-	0.0	6.7	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	27.9
107.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
107.0	50.0	6.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	3.1	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
110.0	35.0	0.0	20.5	-	0.0	-	0.0	0.0	-	0.0	0.0	-	38.1
110.0	40.0	12.3	0.0	-	0.0	-	0.0	0.0	-	0.0	13.9	-	3.1
110.0	45.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	9.2	2.9	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.4	-	0.0
113.0	29.0	0.0	4.3	-	0.0	-	0.0	0.0	-	0.0	75.6	-	54.1
113.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	21.4	-	4.9
113.0	35.0	0.0	0.0	-	40.6	-	36.2	17.4	-	6.0	0.0	-	3.1
113.0	40.0	0.0	11.5	-	11.9	-	0.0	3.4	-	0.0	3.1	-	8.6
113.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	6.0	0.0	-	0.0
113.0	50.0	3.2	25.2	-	6.2	-	0.0	0.0	-	0.0	2.6	-	0.0
113.0	60.0	0.0	0.0	-	26.9	-	2.9	0.0	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0
117.0	25.0	0.0	45.8	-	0.0	-	0.0	0.0	-	32.9	159.6	-	8.0
117.0	26.0	0.0	0.0	-	7.4	-	0.0	5.1	-	77.7	95.8	-	34.7
117.0	30.0	0.0	38.2	-	5.0	-	8.2	47.6	-	0.0	18.6	-	16.7
117.0	35.0	2.9	33.6	-	0.0	-	6.4	75.0	-	5.8	3.2	-	32.0
117.0	40.0	6.4	121.3	-	0.0	-	4.2	7.5	-	3.6	96.3	-	5.8
117.0	45.0	0.0	17.9	-	0.0	-	3.3	0.0	-	10.1	-	3.0	0.0
117.0	50.0	0.0	7.0	-	16.9	-	3.9	0.0	-	0.0	-	2.8	0.0
117.0	60.0	0.0	0.0	-	19.0	-	0.0	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	42.7	-	14.3	-	72.2	21.1	-	6.5	6.0	-	140.1
119.0	33.0	6.1	24.0	-	32.9	-	9.8	76.3	-	0.0	38.2	-	17.2
120.0	24.0	0.0	8.3	-	5.1	-	12.8	0.0	-	8.4	40.8	-	9.1
120.0	25.0	7.3	2.8	-	19.9	-	9.0	0.0	-	9.0	104.9	-	17.8
120.0	30.0	2.5	69.5	-	15.1	-	23.8	64.5	-	14.4	25.6	-	2.8
120.0	35.0	0.0	-	36.7	42.2	-	38.8	117.0	-	5.0	0.0	-	0.0
120.0	40.0	5.4	-	11.6	4.2	-	46.6	2.1	-	5.8	-	5.2	0.0
120.0	45.0	6.3	-	27.0	3.1	-	0.0	0.0	-	5.8	-	28.1	0.0
120.0	50.0	0.0	-	0.0	6.0	-	3.1	0.0	-	40.9	-	18.1	0.0
120.0	60.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	2.9
123.0	36.0	-	-	0.0	3.6	-	0.0	3.8	-	69.3	-	0.0	0.0
123.0	37.0	-	-	9.7	0.0	-	0.0	7.6	-	5.9	-	16.6	5.5
123.0	42.0	-	-	11.0	5.7	-	0.0	3.3	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	45.0	–	–	0.0	2.8	–	0.0	0.0	–	3.4	–	0.0	24.1
123.0	50.0	–	–	0.0	0.0	–	0.0	0.0	–	0.0	–	3.1	0.0
127.0	33.0	–	–	25.7	0.0	–	1.8	5.1	–	31.0	–	0.0	2.8
127.0	34.0	–	–	20.6	0.0	–	7.6	26.4	–	31.7	2.6	–	49.1
127.0	40.0	–	–	11.1	0.0	–	0.0	81.1	–	–	0.0	11.6	2.8
127.0	45.0	–	–	3.5	0.0	–	0.0	0.0	–	–	0.0	8.8	6.1
127.0	60.0	–	–	0.0	3.2	–	0.0	0.0	–	–	0.0	0.0	0.0
130.0	28.0	–	–	26.4	0.0	–	0.0	0.0	–	–	40.7	30.5	0.0
130.0	30.0	–	–	9.7	0.0	–	5.9	0.0	–	–	23.5	5.1	0.0
130.0	35.0	–	–	0.0	8.9	–	13.7	0.0	–	–	9.5	0.0	0.0
130.0	40.0	–	–	51.6	0.0	–	42.4	3.4	–	–	181.3	0.0	0.0
130.0	45.0	–	–	6.8	0.0	–	102.6	9.5	–	–	0.0	0.0	–
130.0	50.0	–	–	0.0	0.0	–	0.0	11.0	–	–	0.0	0.0	–
133.0	23.0	–	–	0.0	0.0	–	0.0	2.7	–	–	360.8	19.5	10.6
133.0	25.0	–	–	11.0	0.0	–	0.0	0.0	–	–	146.5	8.4	2.4
133.0	30.0	–	–	32.5	0.0	–	0.0	0.0	–	–	65.6	11.7	0.0
133.0	35.0	–	–	0.0	0.0	–	0.0	3.2	–	–	6.6	0.0	0.0
133.0	40.0	–	–	0.0	0.0	–	0.0	0.0	–	–	3.5	11.0	0.0
133.0	50.0	–	–	10.2	0.0	–	0.0	0.0	–	–	0.0	0.0	–
133.0	60.0	–	–	3.6	0.0	–	0.0	0.0	–	–	0.0	0.0	–
137.0	22.0	–	–	2.7	0.0	–	0.0	13.2	–	–	100.1	2.5	0.0
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	34.9	75.9	10.0
137.0	30.0	–	–	35.6	0.0	–	0.0	0.0	–	–	0.0	0.0	96.4
137.0	35.0	–	–	46.5	0.0	–	6.1	0.0	–	–	0.0	0.0	3.0
137.0	40.0	–	–	0.0	0.0	–	25.6	0.0	–	–	0.0	0.0	–
137.0	60.0	–	–	3.3	0.0	–	0.0	0.0	–	–	0.0	0.0	–

Citharichthys stigmaeus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	100.0	2.9	–	–	–	–	–	–	–	–	–	–	–
47.0	70.0	3.3	–	–	–	–	–	–	–	–	–	–	–
50.0	50.0	–	2.9	–	–	–	–	–	–	–	–	–	–
50.0	80.0	–	3.3	–	–	–	–	–	–	–	–	–	–
53.0	60.0	–	2.9	–	–	–	–	–	–	–	–	–	–
57.0	70.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0	55.0	11.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	2.9	–
60.0	60.0	3.0	5.9	–	–	0.0	–	0.0	3.3	–	0.0	7.5	–
60.0	65.0	2.8	0.0	–	–	0.0	–	0.0	0.0	–	3.7	6.7	–
60.0	70.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	9.5	3.0	–
60.0	80.0	6.7	3.2	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	50.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.6	0.0	–
63.0	52.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	30.2	–
63.0	55.0	0.0	0.0	–	–	3.0	–	0.0	0.0	–	6.0	108.4	–
63.0	60.0	0.0	3.0	–	–	0.0	–	0.0	0.0	–	0.0	22.5	–

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 65.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	13.8	13.2	-
63.0 70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.2	-
63.0 100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0 50.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	5.7	-
67.0 55.0	3.2	1.5	-	-	0.0	-	0.0	0.0	-	77.7	0.0	-
67.0 60.0	0.0	6.5	-	-	0.0	-	0.0	-	-	21.4	10.6	-
67.0 65.0	3.0	1.6	-	-	3.7	-	0.0	0.0	-	53.7	3.3	-
67.0 70.0	0.0	4.8	-	-	0.0	-	0.0	0.0	-	6.2	10.0	-
67.0 80.0	0.0	0.0	-	-	-	-	0.0	0.0	-	0.0	6.7	-
67.0 90.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.1	-
70.0 51.0	3.5	0.0	-	-	0.0	-	0.0	0.0	-	3.4	3.3	-
70.0 53.0	3.2	1.8	-	-	0.0	-	0.0	12.4	-	14.6	15.8	-
70.0 60.0	0.0	4.8	-	-	0.0	-	0.0	0.0	-	11.9	13.5	-
70.0 65.0	3.5	1.6	-	-	0.0	-	0.0	0.0	-	10.0	15.2	-
70.0 70.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0 75.0	-	7.5	-	-	0.0	-	-	0.0	-	-	2.8	-
70.0 80.0	0.0	0.0	-	-	0.0	-	3.8	0.0	-	0.0	5.7	-
70.0 90.0	0.0	0.0	-	-	5.8	-	0.0	0.0	-	0.0	0.0	-
70.0 100.0	-	0.0	-	-	0.0	-	-	0.0	-	-	3.0	-
73.0 53.0	3.0	8.7	-	-	0.0	-	0.0	20.3	-	3.4	15.4	-
73.0 60.0	9.4	0.0	-	-	0.0	-	0.0	0.0	-	23.9	3.1	-
73.0 65.0	9.1	8.1	-	-	0.0	-	0.0	0.0	-	0.0	9.3	-
73.0 70.0	10.0	1.8	-	-	0.0	-	0.0	0.0	-	3.3	0.0	-
73.0 80.0	0.0	2.3	-	-	0.0	-	0.0	0.0	-	6.5	0.0	-
73.0 90.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.2	3.0	-
77.0 51.0	0.0	0.0	-	-	0.0	-	8.2	0.0	-	3.4	7.1	-
77.0 55.0	0.0	0.0	-	-	3.5	-	0.0	94.8	-	3.3	2.7	-
77.0 60.0	0.0	8.8	-	-	4.0	-	0.0	26.0	-	10.5	0.0	-
77.0 65.0	3.1	0.0	-	-	0.0	-	0.0	13.9	-	10.0	3.0	-
77.0 70.0	2.7	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 80.0	3.4	0.0	-	6.5	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 90.0	20.9	1.7	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 51.0	0.0	0.0	-	0.0	0.0	-	35.3	21.6	-	3.0	0.0	-
80.0 52.0	6.3	0.0	-	0.0	4.1	-	0.0	31.5	-	0.0	0.0	-
80.0 55.0	0.0	3.8	-	0.0	0.0	-	0.0	37.6	-	0.0	13.2	-
80.0 60.0	0.0	0.0	-	2.6	0.0	-	9.8	3.3	-	3.3	9.1	-
80.0 65.0	3.3	0.0	-	0.0	2.9	-	0.0	19.5	-	6.3	15.3	-
80.0 68.0	-	2.9	-	-	-	-	-	-	-	-	-	-
80.0 70.0	0.0	-	-	3.2	0.0	-	0.0	0.0	-	-	0.0	-
80.0 80.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0 47.0	0.0	-	-	0.0	0.0	-	0.0	40.4	-	3.3	0.0	-
83.0 43.0	0.0	0.0	-	0.0	0.0	-	0.0	22.3	-	24.7	22.1	-
83.0 51.0	0.0	4.0	-	0.0	0.0	-	0.0	25.5	-	0.0	0.0	-
83.0 55.0	3.3	39.5	-	0.0	3.7	-	6.5	28.4	-	10.8	0.0	-
83.0 60.0	12.4	24.5	-	0.0	0.0	-	32.7	0.0	-	0.0	17.8	-
83.0 70.0	0.0	0.0	-	3.4	0.0	-	0.0	0.0	-	0.0	6.5	-

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	80.0	0.0	0.0	-	0.0	0.0	-	10.2	14.0	-	3.3	0.0	-
83.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	33.5	-	0.0	0.0	-
85.0	60.0	-	-	-	7.0	-	-	-	-	-	-	-	-
87.0	35.0	0.0	3.0	-	3.4	0.0	-	0.0	-	0.0	3.5	-	0.0
87.0	40.0	0.0	0.0	-	7.1	0.0	-	0.0	-	0.0	13.9	-	6.4
87.0	45.0	0.0	0.0	-	0.0	3.0	-	0.0	-	9.6	3.3	-	0.0
87.0	50.0	3.0	0.0	-	3.2	0.0	-	0.0	-	5.8	0.0	-	0.0
87.0	55.0	3.3	0.0	-	0.0	0.0	-	6.3	-	0.0	0.0	-	3.1
87.0	60.0	3.6	6.8	-	-	7.4	-	0.0	-	3.2	3.5	3.1	-
87.0	70.0	3.3	25.2	-	0.0	3.6	-	0.0	-	0.0	0.0	0.0	-
87.0	80.0	0.0	6.2	-	0.0	0.0	-	6.3	-	0.0	0.0	0.0	-
87.0	90.0	3.5	0.0	-	0.0	0.0	-	0.0	-	3.5	0.0	0.0	-
90.0	28.0	0.0	0.0	-	0.0	0.0	-	0.0	-	24.6	0.0	-	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	-	3.6	-	0.0	20.8	-	0.0
90.0	37.0	0.0	0.0	-	0.0	3.4	-	0.0	-	0.0	13.6	-	0.0
90.0	39.0	-	0.0	-	-	0.0	-	-	-	10.1	-	-	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0
90.0	53.0	0.0	0.0	-	0.0	2.9	-	3.3	-	0.0	3.5	-	0.0
90.0	60.0	0.0	0.0	0.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	70.0	0.0	10.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	0.0	2.7	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	-	3.3	0.0	-	0.0	-	0.0	3.4	-	0.0
93.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	15.4	-	0.0
93.0	45.0	0.0	3.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	50.0	3.4	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0
93.0	55.0	0.0	0.0	-	0.0	3.2	-	0.0	-	-	0.0	-	0.0
93.0	60.0	0.0	0.0	-	2.7	0.0	-	0.0	-	8.3	0.0	-	0.0
93.0	80.0	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	3.4	-	0.0
97.0	32.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	30.6	-	0.0
97.0	40.0	0.0	3.2	-	3.1	-	0.0	0.0	-	0.0	6.7	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	13.4	0.0	-	9.6
97.0	50.0	0.0	6.2	-	2.5	-	0.0	0.0	-	0.0	0.0	-	3.2
97.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
97.0	60.0	0.0	0.0	-	0.0	-	0.0	8.3	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	0.0	0.0	-	9.0	2.8	-	0.0
97.0	90.0	0.0	-	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	3.6	-	2.7	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	0.0	14.3	-	13.9	0.0	-	0.0
100.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.8	16.1	-	0.0
100.0	45.0	2.6	0.0	-	0.0	-	2.7	0.0	-	17.1	5.9	-	0.0
100.0	50.0	7.0	0.0	-	0.0	-	4.4	3.5	-	0.0	0.0	-	0.0
100.0	55.0	2.9	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	80.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.9	0.0	-	0.0

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	57.4	-	12.8
103.0	55.0	3.7	0.0	-	0.0	-	0.0	0.0	-	0.0	10.1	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	6.7
103.0	70.0	9.1	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	3.2	-	3.5
107.0	40.0	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.3
107.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	17.3	-	0.0
107.0	55.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.1
110.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.8	-	0.0
110.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
110.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.4	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	0.0	7.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	9.2
117.0	30.0	0.0	0.0	-	0.0	-	0.0	2.1	-	0.0	0.0	-	0.0
117.0	35.0	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	3.8	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	30.0	0.0	0.0	-	0.0	-	0.0	9.9	-	0.0	0.0	-	0.0
120.0	55.0	-	-	0.0	-	-	3.2	-	-	0.0	-	-	0.0

Hippoglossina stomata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	52.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	2.9	0.0	-
80.0	51.0	0.0	0.0	-	0.0	0.0	-	0.0	4.3	-	0.0	0.0	-
80.0	52.0	0.0	3.5	-	0.0	0.0	-	3.5	3.5	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	0.0	0.0	-	9.9	0.0	-
83.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	5.9	-
87.0	33.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	3.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	4.6	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	1.8	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	5.2	0.0	-	0.0
117.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.4	0.0	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	6.6	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	0.0	-	0.0	-	3.9	0.0	-	0.0	-	0.0	0.0
118.0	39.0	0.0	0.0	-	0.0	-	8.0	7.0	-	0.0	6.0	-	3.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0	5.5	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	1.1	0.0	-	4.5	15.0	-	0.0

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	30.0	0.0	0.0	-	0.0	-	0.0	5.0	-	0.0	2.1	-	0.0
120.0	35.0	0.0	-	3.1	0.0	-	0.0	7.5	-	2.5	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	-	1.7	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	3.8	-	0.0	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	0.0	5.1	-	0.0	-	0.0	0.0
127.0	34.0	-	-	0.0	0.0	-	0.0	17.6	-	0.0	2.6	-	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
130.0	28.0	-	-	0.0	0.0	-	2.5	0.0	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	3.0	0.0	-	-	0.0	0.0	2.6
130.0	35.0	-	-	0.0	0.0	-	2.7	0.0	-	-	0.0	0.0	0.0
130.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0
130.0	45.0	-	-	0.0	0.0	-	3.8	0.0	-	-	0.0	0.0	-
133.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	4.9	0.0
133.0	25.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.0	0.0	0.0
133.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.5	0.0	0.0
133.0	50.0	-	-	0.0	0.0	-	0.0	3.3	-	-	0.0	0.0	-
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.2	2.8	0.0
137.0	35.0	-	-	0.0	0.0	-	3.1	0.0	-	-	0.0	0.0	0.0
137.0	40.0	-	-	0.0	0.0	-	16.0	0.0	-	-	0.0	0.0	-

Paralichthys californicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	50.0	0.0	2.4	-	-	0.0	-	0.0	0.0	-	0.0	1.8	-
70.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
77.0	48.0	1.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	0.0	0.0	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
80.0	51.0	0.0	6.8	-	0.0	0.0	-	0.0	4.3	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	0.0	-	0.0	5.4	-	0.0	0.0	-
83.0	40.0	1.5	1.9	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	17.8	0.0	-	0.0	0.0	-
83.0	51.0	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	33.0	0.0	7.8	-	0.0	0.0	-	0.0	-	5.2	0.0	-	7.5
90.0	28.0	6.7	0.0	-	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0
90.0	53.0	0.0	0.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	13.6	-	0.0	0.0	-	5.6	-	0.0	0.0	-	0.0
93.0	28.0	0.0	6.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	0.0	6.9	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	9.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
94.0	30.0	0.0	3.3	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.0	31.2	-	10.3	-	0.0	0.0	-	7.0	4.5	-	0.0
97.0	30.0	0.0	50.6	-	11.4	-	0.0	0.0	-	0.0	15.3	-	0.0
100.0	29.0	0.0	4.1	-	10.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	30.0	0.0	15.9	-	9.3	-	2.4	3.6	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	5.0	-	0.0	4.3	-	0.0	0.0	-	2.6

TABLE 4. (cont.)

Paralichthys californicus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	31.0	5.0	15.4	-	3.4	-	0.0	1.7	-	-	0.0	-	0.0
107.0	32.0	0.0	29.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	32.0	0.0	5.7	-	0.0	-	0.0	4.4	-	0.0	0.0	-	0.0
110.0	35.0	0.0	61.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.9
118.0	39.0	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.3
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	15.2
120.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8
120.0	40.0	0.0	-	0.0	0.0	-	0.0	2.1	-	0.0	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	1.8	0.0	-	0.0	-	0.0	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.3	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.6	7.9
130.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	2.8

Xystreurys liolepis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	2.8	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	28.0	3.3	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
97.0	29.0	0.0	0.0	-	2.6	-	0.0	0.0	-	1.7	2.2	-	0.0
97.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.1	-	0.0
100.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.7	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	24.2	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	-	0.0	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.3
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	10.7	-	25.4
123.0	37.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8
127.0	33.0	-	-	0.0	0.0	-	0.0	2.5	-	0.0	-	2.5	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	0.0	-	-	13.6	4.7	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.9	7.7	0.0
133.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	13.0	2.4	0.0
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	11.2	0.0

Glyptocephalus zachirus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	0.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-
60.0	60.0	0.0	0.0	-	-	0.0	-	6.9	0.0	-	0.0	0.0	-
60.0	65.0	0.0	0.0	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
60.0	70.0	0.0	0.0	-	-	0.0	-	0.0	5.6	-	0.0	0.0	-
60.0	80.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
63.0	55.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	65.0	0.0	0.0	-	-	0.0	-	0.0	3.5	-	0.0	0.0	-

TABLE 4. (cont.)

Glyptocephalus zachirus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	0.0	0.0	–	–	0.0	–	0.0	10.3	–	0.0	0.0	–
67.0	60.0	0.0	0.0	–	–	3.4	–	0.0	–	–	0.0	0.0	–
67.0	65.0	0.0	0.0	–	–	7.5	–	0.0	0.0	–	0.0	0.0	–
67.0	70.0	0.0	0.0	–	–	0.0	–	0.0	2.9	–	0.0	0.0	–
67.0	90.0	0.0	0.0	–	–	0.0	–	3.9	0.0	–	0.0	0.0	–
70.0	75.0	–	0.0	–	–	3.4	–	–	0.0	–	–	0.0	–
73.0	53.0	0.0	0.0	–	–	3.9	–	0.0	0.0	–	0.0	0.0	–
73.0	80.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–

Hypsopsetta guttulata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	–	0.0	0.0	–	0.0	–	6.2	0.0	–	0.0
97.0	29.0	0.0	7.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	5.7
97.0	30.0	0.0	2.5	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
120.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	7.6
120.0	30.0	0.0	0.0	–	0.0	–	0.0	2.5	–	0.0	0.0	–	0.0

Lepidopsetta bilineata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	21.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–

Lyopsetta exilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	–	2.9	–	–	–	–	–	–	–	–	–	–
60.0	50.0	0.0	0.0	–	–	0.0	–	0.0	3.1	–	0.0	–	–
60.0	52.0	0.0	0.0	–	–	30.1	–	9.0	0.0	–	0.0	0.0	–
60.0	55.0	2.8	2.5	–	–	0.0	–	0.0	3.1	–	0.0	0.0	–
60.0	60.0	0.0	0.0	–	–	0.0	–	6.9	3.3	–	0.0	0.0	–
60.0	65.0	0.0	0.0	–	–	3.4	–	0.0	0.0	–	0.0	0.0	–
60.0	70.0	0.0	0.0	–	–	0.0	–	14.8	0.0	–	0.0	0.0	–
63.0	52.0	0.0	1.4	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	65.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	0.0	0.0	–
63.0	70.0	0.0	0.0	–	–	0.0	–	4.0	0.0	–	0.0	0.0	–
67.0	50.0	0.0	0.0	–	–	3.4	–	13.9	0.0	–	0.0	0.0	–
67.0	60.0	0.0	0.0	–	–	6.7	–	0.0	–	–	0.0	0.0	–
67.0	70.0	0.0	0.0	–	–	0.0	–	0.0	2.9	–	0.0	0.0	–
70.0	51.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
70.0	65.0	0.0	0.0	–	–	3.5	–	0.0	0.0	–	0.0	0.0	–
70.0	70.0	0.0	0.0	–	–	0.0	–	3.3	0.0	–	0.0	0.0	–
73.0	50.0	0.0	0.0	–	–	8.9	–	0.0	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Lyopsetta exilis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	3.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	60.0	0.0	0.0	–	–	10.6	–	0.0	0.0	–	0.0	0.0	–
73.0	65.0	0.0	0.0	–	–	6.8	–	0.0	0.0	–	0.0	0.0	–
77.0	51.0	0.0	0.0	–	–	7.2	–	0.0	0.0	–	0.0	0.0	–
77.0	55.0	3.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
77.0	60.0	3.4	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	51.0	0.0	0.0	–	3.0	0.0	–	0.0	0.0	–	0.0	0.0	–
80.0	52.0	9.5	0.0	–	3.2	4.1	–	0.0	0.0	–	0.0	0.0	–
80.0	55.0	0.0	0.0	–	0.0	4.1	–	0.0	0.0	–	0.0	0.0	–
82.0	47.0	0.0	–	–	0.0	6.9	–	0.0	0.0	–	0.0	0.0	–
83.0	43.0	0.0	7.3	–	6.6	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	51.0	0.0	0.0	–	0.0	5.6	–	0.0	0.0	–	0.0	0.0	–
83.0	60.0	3.1	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	35.0	3.4	0.0	–	6.8	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	40.0	0.0	0.0	–	0.0	3.2	–	0.0	–	0.0	0.0	–	0.0
87.0	45.0	0.0	0.0	–	3.1	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	55.0	3.3	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	90.0	0.0	0.0	–	0.0	3.3	–	0.0	–	0.0	0.0	0.0	–
90.0	28.0	0.0	0.0	–	10.6	2.9	–	0.0	–	0.0	0.0	–	0.0
90.0	32.0	0.0	0.0	–	3.4	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	60.0	0.0	0.0	0.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	27.0	0.0	0.0	–	2.9	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	28.0	0.0	0.0	–	3.1	9.4	–	0.0	–	0.0	0.0	–	0.0
97.0	30.0	0.0	0.0	–	5.7	–	0.0	3.1	–	0.0	0.0	–	0.0
100.0	29.0	0.0	2.0	–	5.4	–	6.0	7.2	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	3.1	–	2.4	0.0	–	0.0	0.0	–	0.0
100.0	35.0	0.0	0.0	–	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0
110.0	32.0	0.0	0.0	–	0.0	–	2.4	0.0	–	0.0	0.0	–	0.0
117.0	30.0	0.0	0.0	–	0.0	–	0.0	2.1	–	0.0	0.0	–	0.0
118.0	39.0	0.0	0.0	–	0.0	–	8.0	0.0	–	0.0	0.0	–	0.0
123.0	37.0	–	–	0.0	0.0	–	3.8	0.0	–	0.0	–	0.0	0.0
130.0	45.0	–	–	0.0	0.0	–	7.6	0.0	–	–	0.0	0.0	–

Microstomus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	51.0	–	3.2	–	–	–	–	–	–	–	–	–	–
60.0	55.0	0.0	0.0	–	–	3.3	–	0.0	0.0	–	0.0	0.0	–
60.0	60.0	0.0	0.0	–	–	0.0	–	0.0	3.3	–	0.0	0.0	–
60.0	65.0	0.0	0.0	–	–	3.4	–	3.4	0.0	–	0.0	0.0	–
60.0	70.0	0.0	0.0	–	–	0.0	–	4.9	0.0	–	0.0	0.0	–
60.0	90.0	0.0	0.0	–	–	0.0	–	0.0	3.2	–	4.6	0.0	–
63.0	55.0	0.0	0.0	–	–	0.0	–	0.0	3.4	–	0.0	0.0	–
67.0	60.0	0.0	1.6	–	–	6.7	–	0.0	–	–	0.0	0.0	–
67.0	90.0	0.0	0.0	–	–	0.0	–	3.9	0.0	–	0.0	0.0	–

TABLE 4. (cont.)

Microstomus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	53.0	0.0	1.6	-	-	2.9	-	0.0	3.1	-	0.0	0.0	-
70.0	65.0	0.0	1.8	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
70.0	70.0	0.0	0.0	-	-	0.0	-	0.0	3.0	-	0.0	0.0	-
70.0	75.0	-	0.0	-	-	3.4	-	-	0.0	-	-	0.0	-
70.0	80.0	0.0	0.0	-	-	7.0	-	3.8	0.0	-	0.0	0.0	-
73.0	60.0	0.0	0.0	-	-	10.6	-	0.0	0.0	-	0.0	0.0	-
73.0	65.0	0.0	0.0	-	-	0.0	-	3.5	0.0	-	0.0	0.0	-
73.0	70.0	0.0	0.0	-	-	4.8	-	4.0	3.7	-	0.0	0.0	-
77.0	55.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	65.0	0.0	0.0	-	-	0.0	-	6.7	0.0	-	0.0	0.0	-
77.0	70.0	0.0	0.0	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	6.8	4.1	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	0.0	5.0	-	0.0	0.0	-	0.0	0.0	-
80.0	65.0	0.0	0.0	-	0.0	5.8	-	3.2	0.0	-	0.0	0.0	-
80.0	70.0	0.0	-	-	0.0	0.0	-	3.2	0.0	-	-	0.0	-
80.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0	0.0	-
83.0	55.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	45.0	0.0	0.0	-	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0
87.0	55.0	0.0	0.0	-	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0
87.0	90.0	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0	0.0	-
90.0	53.0	0.0	0.0	-	3.4	0.0	-	6.6	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	0.0	6.5	0.0	-	3.5	-	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	-	0.0	0.0	-	0.0	-	2.8	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	6.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	0.0	-	4.0	0.0	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	0.0	-	9.3	3.4	-	0.0	0.0	-	0.0
100.0	35.0	0.0	0.0	-	0.0	-	0.0	4.6	-	0.0	0.0	-	0.0
103.0	50.0	0.0	0.0	-	0.0	-	0.0	4.3	-	0.0	0.0	-	0.0
103.0	70.0	0.0	0.0	-	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0
107.0	45.0	0.0	0.0	-	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0
107.0	50.0	0.0	0.0	-	0.0	-	0.0	3.2	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0

Parophrys vetulus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	8.6	-	-	-	-	-	-	-	-	-	-	-
50.0	47.0	-	7.7	-	-	-	-	-	-	-	-	-	-
53.0	52.0	-	46.6	-	-	-	-	-	-	-	-	-	-
57.0	51.0	-	79.8	-	-	-	-	-	-	-	-	-	-
60.0	50.0	7.8	6.8	-	-	2.1	-	0.0	0.0	-	0.0	-	-
60.0	52.0	11.1	396.0	-	-	2.7	-	0.0	0.0	-	0.0	0.0	-
60.0	55.0	0.0	217.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	60.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Parophrys vetulus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	1.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	9.7	21.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	52.0	0.0	55.7	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	1.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	60.0	0.0	5.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	48.0	2.3	4.4	-	-	2.6	-	1.7	0.0	-	0.0	0.0	-
67.0	50.0	0.0	3.2	-	-	3.4	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	3.5	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	6.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	60.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	50.0	3.3	1.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	51.0	16.9	0.0	-	-	3.6	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	6.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	0.0	6.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	0.0	7.0	-	19.1	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	55.0	0.0	0.0	-	0.0	4.1	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	12.6	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	7.3	-	0.0	0.0	-	3.6	3.2	-	0.0	0.0	-
83.0	51.0	14.8	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	55.0	0.0	3.3	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
87.0	33.0	5.7	13.0	-	10.4	9.8	-	0.0	-	0.0	0.0	-	2.5
87.0	35.0	0.0	6.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	40.0	0.0	3.4	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	90.0	3.5	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-
90.0	32.0	0.0	0.0	-	3.4	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	27.0	0.0	0.0	-	5.9	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	30.0	0.0	6.9	-	3.3	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2
93.0	50.0	0.0	0.0	-	0.0	3.0	-	0.0	-	0.0	0.0	-	0.0
97.0	29.0	0.0	2.6	-	5.2	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	35.1	-	3.0	3.6	-	0.0	0.0	-	0.0
100.0	30.0	0.0	0.0	-	59.1	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	3.1	-	2.9	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	29.0	0.0	0.0	-	3.3	-	0.0	19.2	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	6.5	-	0.0	2.9	-	0.0	0.0	-	0.0
107.0	31.0	0.0	0.0	-	17.2	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	25.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	35.0	0.0	23.9	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	2.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	0.0	0.0	-	0.0	-	3.3	0.0	-	0.0	0.0	-	0.0
120.0	25.0	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	45.0	0.0	-	1.7	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0

TABLE 4. (cont.)

Pleuronichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	52.0	0.0	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-

Pleuronichthys coenosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	0.0	0.0	-	-	0.0	-	7.0	0.0	-	0.0	0.0	-
77.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.4	0.0	-
80.0	52.0	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	0.0	-	-	0.0	3.5	-	0.0	0.0	-	0.0	0.0	-
83.0	43.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	3.5	0.0	-
83.0	55.0	0.0	0.0	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	6.8	0.0	-	0.0	0.0	-
87.0	45.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	55.0	0.0	0.0	-	3.7	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	32.0	0.0	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	0.0	0.0	0.0	0.0	0.0	-	3.5	-	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0
107.0	32.0	0.0	0.0	-	0.0	-	3.0	0.0	-	0.0	0.0	-	0.0
127.0	40.0	-	-	0.0	0.0	-	0.0	3.4	-	-	0.0	0.0	0.0

Pleuronichthys decurrens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	50.0	3.3	-	-	-	-	-	-	-	-	-	-	-
57.0	60.0	-	2.9	-	-	-	-	-	-	-	-	-	-
60.0	60.0	0.0	2.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	55.0	0.0	1.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	90.0	0.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	53.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	3.1	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	55.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	51.0	6.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	52.0	3.2	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	0.0	4.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-

Pleuronichthys ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	5.7
97.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	2.1	0.0	-	0.0
100.0	30.0	0.0	0.0	-	0.0	-	2.4	0.0	-	0.0	0.0	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0

TABLE 4. (cont.)

Pleuronichthys ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	25.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	0.0	–	22.9
120.0	40.0	0.0	–	0.0	0.0	–	0.0	2.1	–	0.0	–	0.0	0.0
137.0	23.0	–	–	0.0	0.0	–	0.0	0.0	–	–	0.0	2.8	0.0

Pleuronichthys verticalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	50.0	5.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	1.8	–
63.0	55.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
67.0	48.0	1.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
70.0	53.0	3.2	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	50.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
77.0	48.0	0.0	1.0	–	–	0.0	–	0.0	0.0	–	2.7	0.0	–
80.0	51.0	0.0	17.1	–	0.0	0.0	–	0.0	4.3	–	0.0	0.0	–
80.0	52.0	0.0	10.4	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	0.0	2.7	–	0.0	0.0	–
83.0	40.0	2.9	5.7	–	0.0	0.0	–	0.7	0.0	–	0.0	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	3.6	0.0	–	0.0	0.0	–
83.0	51.0	3.0	4.0	–	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	33.0	8.6	10.4	–	0.0	9.8	–	10.9	–	0.0	0.0	–	0.0
87.0	40.0	3.3	0.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
90.0	28.0	6.7	3.3	–	0.0	0.0	–	3.3	–	0.0	0.0	–	0.0
90.0	60.0	0.0	0.0	0.0	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	27.0	0.0	2.7	–	0.0	0.0	–	0.0	–	2.8	0.0	–	0.0
93.0	28.0	0.0	3.0	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	30.0	0.0	3.5	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
93.0	35.0	0.0	9.1	–	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0
97.0	29.0	0.0	20.8	–	10.3	–	6.4	5.5	–	5.2	2.2	–	0.0
97.0	30.0	0.0	7.6	–	8.5	–	0.0	0.0	–	0.0	3.1	–	0.0
97.0	32.0	0.0	3.1	–	3.4	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	29.0	0.0	0.0	–	5.4	–	3.0	3.6	–	0.0	0.0	–	0.0
100.0	30.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	35.0	0.0	3.1	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
100.0	40.0	0.0	0.0	–	3.1	–	0.0	0.0	–	0.0	0.0	–	0.0
103.0	29.0	0.0	0.0	–	5.0	–	0.0	0.0	–	0.0	0.0	–	0.0
107.0	31.0	0.0	10.3	–	0.0	–	2.9	1.7	–	–	0.0	–	0.0
107.0	32.0	0.0	3.7	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	35.0	0.0	6.8	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
110.0	40.0	0.0	3.3	–	0.0	–	0.0	0.0	–	0.0	0.0	–	0.0
117.0	26.0	0.0	0.0	–	0.0	–	0.0	0.0	–	5.2	3.5	–	0.0
120.0	24.0	0.0	0.0	–	2.5	–	2.6	0.0	–	0.0	0.0	–	0.0
120.0	25.0	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0	0.0	–	0.0
123.0	36.0	–	–	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0
123.0	37.0	–	–	0.0	0.0	–	3.8	0.0	–	0.0	–	0.0	0.0
127.0	33.0	–	–	0.0	0.0	–	1.8	0.0	–	0.0	–	0.0	0.0

TABLE 4. (cont.)

Pleuronichthys verticalis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	25.0	–	–	0.0	2.6	–	0.0	0.0	–	–	0.0	0.0	0.0
137.0	22.0	–	–	0.0	0.0	–	0.0	0.0	–	–	2.8	0.0	0.0

Psettichthys melanostictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	2.6	0.0	–	–	0.0	–	0.0	0.0	–	0.0	–	–
60.0	52.0	0.0	3.0	–	–	0.0	–	0.0	17.4	–	0.0	0.0	–
63.0	50.0	2.8	1.6	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
63.0	52.0	0.0	1.4	–	–	0.0	–	4.3	0.0	–	0.0	0.0	–
67.0	48.0	3.5	1.5	–	–	5.3	–	0.0	0.0	–	0.0	0.0	–
82.0	47.0	0.0	–	–	3.3	0.0	–	0.0	0.0	–	0.0	0.0	–
83.0	60.0	0.0	0.0	–	3.4	0.0	–	0.0	0.0	–	0.0	0.0	–
87.0	40.0	0.0	0.0	–	3.6	0.0	–	0.0	–	0.0	0.0	–	0.0
87.0	50.0	0.0	0.0	–	3.2	0.0	–	0.0	–	0.0	0.0	–	0.0

Symphurus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	65.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
67.0	70.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.1	0.0	–
67.0	90.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	0.0	3.1	–
70.0	51.0	3.5	0.0	–	–	0.0	–	0.0	0.0	–	0.0	0.0	–
73.0	80.0	0.0	0.0	–	–	0.0	–	0.0	0.0	–	3.2	0.0	–
77.0	55.0	0.0	0.0	–	–	0.0	–	0.0	3.5	–	3.3	0.0	–
80.0	52.0	0.0	0.0	–	0.0	0.0	–	0.0	3.5	–	0.0	0.0	–
82.0	47.0	0.0	–	–	0.0	0.0	–	0.0	8.1	–	3.3	0.0	–
83.0	43.0	0.0	0.0	–	0.0	0.0	–	3.6	12.8	–	3.5	0.0	–
83.0	51.0	0.0	0.0	–	0.0	0.0	–	0.0	2.5	–	3.1	0.0	–
83.0	55.0	0.0	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0	0.0	–
83.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.2	0.0	–
83.0	70.0	0.0	0.0	–	0.0	0.0	–	0.0	0.0	–	3.0	0.0	–
83.0	80.0	0.0	0.0	–	0.0	0.0	–	0.0	14.0	–	0.0	0.0	–
87.0	33.0	0.0	0.0	–	0.0	0.0	–	0.0	–	2.6	0.0	–	0.0
87.0	35.0	0.0	0.0	–	0.0	0.0	–	7.3	–	0.0	0.0	–	0.0
87.0	45.0	0.0	3.3	–	0.0	0.0	–	0.0	–	6.4	0.0	–	0.0
90.0	28.0	0.0	3.3	–	0.0	0.0	–	0.0	–	0.0	3.3	–	0.0
90.0	37.0	0.0	0.0	–	0.0	0.0	–	65.7	–	0.0	0.0	–	0.0
93.0	30.0	0.0	0.0	–	0.0	0.0	–	2.8	–	0.0	0.0	–	0.0
97.0	30.0	0.0	0.0	–	0.0	–	0.0	3.1	–	0.0	0.0	–	0.0
97.0	32.0	0.0	0.0	–	0.0	–	0.0	0.0	–	9.9	0.0	–	0.0
97.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.7	3.3	–	0.0
100.0	45.0	0.0	0.0	–	0.0	–	0.0	0.0	–	6.9	0.0	–	0.0
100.0	50.0	0.0	0.0	–	0.0	–	0.0	0.0	–	0.0	3.2	–	0.0

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.0	-	0.0
103.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	3.2	-	0.0
103.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.5	0.0	-	0.0
107.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	7.6	0.0	-	0.0
113.0	29.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.5	-	0.0
113.0	30.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	4.8	-	0.0
113.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.0	0.0	-	0.0
117.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0
117.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.4	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	3.0	0.0
117.0	50.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	-	8.6	0.0
118.0	39.0	0.0	0.0	-	0.0	-	0.0	7.0	-	9.8	0.0	-	0.0
120.0	24.0	0.0	0.0	-	0.0	-	0.0	0.0	-	4.2	0.0	-	0.0
120.0	25.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	25.7	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	2.1	-	0.0	-	0.0	0.0
120.0	45.0	0.0	-	0.0	0.0	-	0.0	3.7	-	0.0	-	9.4	0.0
120.0	50.0	0.0	-	0.0	0.0	-	0.0	0.0	-	26.3	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	3.0	0.0
127.0	33.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	2.8
127.0	45.0	-	-	0.0	0.0	-	0.0	3.2	-	-	0.0	0.0	0.0
127.0	60.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.7	0.0	0.0
130.0	28.0	-	-	0.0	0.0	-	0.0	0.0	-	-	4.5	9.4	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	17.6	2.6	0.0
130.0	40.0	-	-	0.0	0.0	-	0.0	0.0	-	-	13.7	0.0	0.0
130.0	45.0	-	-	0.0	0.0	-	11.4	0.0	-	-	6.7	0.0	-
133.0	25.0	-	-	0.0	0.0	-	0.0	0.0	-	-	3.0	5.6	0.0
133.0	35.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	3.3	0.0
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	19.0	0.0	0.0
137.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	2.9

Disintegrated fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	29.2	-	-	-	-	-	-	-	-	-	-	-
40.0	40.0	2.1	-	-	-	-	-	-	-	-	-	-	-
40.0	45.0	23.0	-	-	-	-	-	-	-	-	-	-	-
40.0	50.0	2.8	-	-	-	-	-	-	-	-	-	-	-
40.0	55.0	2.2	-	-	-	-	-	-	-	-	-	-	-
40.0	60.0	5.3	-	-	-	-	-	-	-	-	-	-	-
40.0	70.0	9.7	-	-	-	-	-	-	-	-	-	-	-
40.0	80.0	5.0	-	-	-	-	-	-	-	-	-	-	-
40.0	90.0	2.0	-	-	-	-	-	-	-	-	-	-	-
43.0	42.0	13.3	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	45.0	8.6	-	-	-	-	-	-	-	-	-	-	-
43.0	50.0	21.9	-	-	-	-	-	-	-	-	-	-	-
43.0	55.0	3.0	-	-	-	-	-	-	-	-	-	-	-
43.0	60.0	3.1	-	-	-	-	-	-	-	-	-	-	-
43.0	70.0	3.5	-	-	-	-	-	-	-	-	-	-	-
43.0	100.0	3.1	-	-	-	-	-	-	-	-	-	-	-
43.0	120.0	2.0	-	-	-	-	-	-	-	-	-	-	-
47.0	80.0	6.5	-	-	-	-	-	-	-	-	-	-	-
47.0	100.0	15.3	-	-	-	-	-	-	-	-	-	-	-
50.0	47.0	-	2.6	-	-	-	-	-	-	-	-	-	-
50.0	50.0	-	17.3	-	-	-	-	-	-	-	-	-	-
50.0	60.0	-	13.4	-	-	-	-	-	-	-	-	-	-
53.0	52.0	-	2.9	-	-	-	-	-	-	-	-	-	-
53.0	90.0	-	3.1	-	-	-	-	-	-	-	-	-	-
53.0	100.0	-	3.2	-	-	-	-	-	-	-	-	-	-
57.0	51.0	-	6.4	-	-	-	-	-	-	-	-	-	-
57.0	60.0	-	8.8	-	-	-	-	-	-	-	-	-	-
57.0	90.0	-	2.9	-	-	-	-	-	-	-	-	-	-
60.0	50.0	20.8	0.0	-	-	0.0	-	0.0	0.0	-	0.0	-	-
60.0	52.0	27.7	9.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	55.0	19.9	2.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	60.0	12.0	17.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	65.0	11.2	13.7	-	-	3.4	-	3.4	0.0	-	0.0	3.4	-
60.0	70.0	9.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	80.0	6.7	6.3	-	-	7.5	-	0.0	0.0	-	0.0	0.0	-
60.0	90.0	3.3	0.0	-	-	3.2	-	0.0	0.0	-	0.0	0.0	-
63.0	50.0	13.9	4.8	-	-	0.0	-	0.0	1.1	-	0.0	0.0	-
63.0	55.0	3.2	52.0	-	-	0.0	-	0.0	3.4	-	0.0	5.2	-
63.0	60.0	0.0	11.9	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
63.0	70.0	10.0	0.0	-	-	6.4	-	0.0	0.0	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	3.3	-	3.4	0.0	-	0.0	0.0	-
63.0	120.0	-	3.2	-	-	-	-	-	-	-	-	-	-
67.0	48.0	2.3	3.1	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	50.0	3.3	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	55.0	3.2	5.4	-	-	0.0	-	3.6	0.0	-	0.0	0.0	-
67.0	60.0	6.5	4.8	-	-	0.0	-	0.0	-	-	0.0	0.0	-
67.0	65.0	0.0	1.6	-	-	3.7	-	0.0	0.0	-	0.0	0.0	-
67.0	70.0	3.3	13.3	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	80.0	6.0	1.7	-	-	-	-	0.0	0.0	-	0.0	0.0	-
67.0	90.0	0.0	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	51.0	6.9	0.0	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-
70.0	53.0	0.0	1.6	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	60.0	16.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	65.0	0.0	0.9	-	-	0.0	-	3.3	0.0	-	0.0	0.0	-
70.0	70.0	0.0	4.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	90.0	4.8	1.7	-	-	0.0	-	0.0	0.0	-	0.0	3.0	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0 50.0	9.8	1.4	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 53.0	0.0	0.0	-	-	0.0	-	7.9	0.0	-	0.0	0.0	-
73.0 60.0	0.0	3.2	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 65.0	0.0	1.6	-	-	0.0	-	0.0	2.6	-	0.0	0.0	-
73.0 70.0	0.0	1.8	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 80.0	3.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0 90.0	6.9	9.3	-	-	0.0	-	0.0	0.0	-	0.0	6.0	-
73.0 100.0	-	3.3	-	-	-	-	-	-	-	-	-	-
73.0 120.0	-	3.3	-	-	-	-	-	-	-	-	-	-
77.0 48.0	2.2	1.0	-	-	0.0	-	1.7	0.0	-	2.7	0.0	-
77.0 51.0	3.4	1.9	-	-	3.6	-	0.0	0.0	-	0.0	0.0	-
77.0 55.0	13.5	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0 60.0	3.4	7.3	-	-	0.0	-	4.1	0.0	-	0.0	0.0	-
77.0 65.0	9.2	2.6	-	-	0.0	-	3.4	0.0	-	0.0	0.0	-
77.0 70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	2.9	-
77.0 90.0	3.0	0.0	-	3.4	3.6	-	5.9	0.0	-	0.0	0.0	-
77.0 120.0	-	6.4	-	-	-	-	-	-	-	-	-	-
80.0 51.0	0.0	20.5	-	3.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 52.0	6.3	27.8	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 55.0	0.0	22.9	-	10.1	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0 60.0	0.0	4.4	-	0.0	5.0	-	0.0	0.0	-	0.0	3.0	-
80.0 65.0	3.3	0.0	-	8.9	2.9	-	0.0	0.0	-	0.0	0.0	-
80.0 70.0	0.0	-	-	3.2	3.7	-	0.0	0.0	-	-	0.0	-
80.0 80.0	0.0	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0	0.0	-
80.0 90.0	3.3	0.0	-	0.0	0.0	-	3.1	0.0	-	0.0	3.0	-
83.0 40.0	2.2	5.7	-	0.0	0.0	-	0.7	0.0	-	0.0	0.0	-
83.0 43.0	0.0	40.4	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 51.0	0.0	0.0	-	267.3	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 55.0	3.3	6.6	-	3.5	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 70.0	0.0	10.1	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0 80.0	0.0	6.0	-	0.0	6.2	-	3.4	3.5	-	0.0	0.0	-
83.0 90.0	0.0	0.0	-	10.3	13.8	-	0.0	0.0	-	0.0	0.0	-
85.0 60.0	-	-	-	10.5	-	-	-	-	-	-	-	-
87.0 33.0	0.0	5.2	-	0.0	0.0	-	5.5	-	0.0	0.0	-	0.0
87.0 35.0	6.9	0.0	-	40.9	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 40.0	0.0	3.4	-	0.0	0.0	-	0.0	-	3.3	0.0	-	3.2
87.0 45.0	3.0	3.3	-	0.0	3.0	-	0.0	-	0.0	0.0	-	0.0
87.0 50.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 55.0	0.0	10.2	-	40.8	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0 60.0	3.6	3.4	-	-	0.0	-	0.0	-	0.0	0.0	0.0	-
87.0 70.0	0.0	3.2	-	8.9	3.6	-	7.1	-	0.0	0.0	0.0	-
87.0 80.0	3.4	9.3	-	3.5	0.0	-	0.0	-	2.9	0.0	12.6	-
87.0 90.0	0.0	0.0	-	10.7	0.0	-	0.0	-	0.0	0.0	0.0	-
90.0 28.0	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0 32.0	19.7	31.7	-	0.0	0.0	-	0.0	-	0.0	3.5	-	16.3
90.0 37.0	3.4	9.7	-	0.0	3.4	-	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	39.0	-	10.4	-	-	3.5	-	-	-	0.0	-	-	0.0
90.0	45.0	0.0	0.0	3.3	0.0	0.0	-	0.0	-	0.0	3.5	-	0.0
90.0	53.0	6.6	3.2	-	6.9	2.3	-	3.3	-	0.0	0.0	-	0.0
90.0	60.0	0.0	10.0	0.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	70.0	0.0	6.6	-	3.2	6.1	-	0.0	-	0.0	0.0	-	0.0
90.0	80.0	0.0	0.0	-	0.0	3.2	-	5.0	-	0.0	6.7	-	0.0
90.0	90.0	0.0	0.0	-	6.3	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	120.0	0.0	-	-	-	-	-	12.0	-	-	0.0	-	-
90.0	140.0	3.3	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	21.8	-	0.0	0.0	-	5.6	-	0.0	0.0	-	0.0
93.0	28.0	0.0	33.5	-	3.1	0.0	-	12.8	-	0.0	0.0	-	0.0
93.0	30.0	3.3	10.4	-	6.6	0.0	-	0.0	-	0.0	0.0	-	6.6
93.0	35.0	0.0	12.1	-	3.2	3.3	-	0.0	-	0.0	0.0	-	0.0
93.0	40.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2
93.0	50.0	6.8	12.6	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	60.0	3.4	18.1	-	2.7	7.2	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	2.9	-	16.9	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	90.0	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2
93.0	120.0	0.0	-	-	0.0	-	-	0.0	-	-	6.3	-	-
93.0	140.0	-	-	-	3.0	-	-	2.8	-	-	0.0	-	-
97.0	29.0	0.0	0.0	-	0.0	-	6.4	0.0	-	0.0	0.0	-	0.0
97.0	30.0	0.0	17.7	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	32.0	0.0	6.3	-	6.8	-	0.0	13.1	-	0.0	3.0	-	0.0
97.0	35.0	0.0	0.0	-	0.0	-	3.4	11.0	-	0.0	0.0	-	0.0
97.0	40.0	0.0	3.2	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	50.0	0.0	0.0	-	5.0	-	4.0	0.0	-	0.0	0.0	-	0.0
97.0	55.0	0.0	0.0	-	6.2	-	3.7	4.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	0.0	-	3.1	-	3.0	12.5	-	0.0	0.0	-	0.0
97.0	70.0	0.0	-	-	3.1	-	0.0	9.1	-	6.0	0.0	-	0.0
97.0	80.0	0.0	-	-	9.8	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	29.0	3.0	0.0	-	18.9	-	6.0	3.6	-	2.7	0.0	-	0.0
100.0	30.0	0.0	6.4	-	12.4	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	35.0	0.0	12.5	-	0.0	-	0.0	4.6	-	12.0	0.0	-	0.0
100.0	40.0	0.0	6.5	-	0.0	-	3.1	0.0	-	0.0	3.2	-	0.0
100.0	45.0	2.6	6.6	-	2.9	-	0.0	0.0	-	3.4	0.0	-	0.0
100.0	50.0	0.0	0.0	-	0.0	-	17.4	0.0	-	6.6	0.0	-	0.0
100.0	55.0	0.0	3.3	-	0.0	-	0.0	3.7	-	13.5	0.0	-	0.0
100.0	60.0	0.0	0.0	-	6.3	-	9.6	8.1	-	0.0	0.0	-	0.0
100.0	70.0	0.0	3.2	-	0.0	-	0.0	4.3	-	7.3	0.0	-	0.0
100.0	80.0	0.0	7.0	-	0.0	-	0.0	0.0	-	14.1	0.0	-	0.0
100.0	90.0	0.0	3.6	-	0.0	-	0.0	0.0	-	7.3	0.0	-	0.0
103.0	29.0	0.0	16.8	-	1.7	-	0.0	0.0	-	0.0	0.0	-	2.6
103.0	30.0	0.0	0.0	-	9.7	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	35.0	0.0	0.0	-	0.0	-	0.0	0.0	-	10.4	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	2.9	-	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	45.0	0.0	10.7	-	0.0	-	0.0	0.0	-	9.9	0.0	-	0.0
103.0	50.0	0.0	17.5	-	0.0	-	0.0	0.0	-	21.5	2.9	-	0.0
103.0	55.0	3.7	0.0	-	0.0	-	10.6	0.0	-	6.7	3.4	-	0.0
103.0	60.0	3.4	0.0	-	3.6	-	0.0	0.0	-	9.8	0.0	-	0.0
103.0	70.0	0.0	3.3	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	80.0	0.0	0.0	-	0.0	-	15.8	0.0	-	0.0	0.0	-	0.0
107.0	31.0	2.5	0.0	-	0.0	-	0.0	0.0	-	-	0.0	-	0.0
107.0	32.0	0.0	7.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	35.0	0.0	0.0	-	0.0	-	10.4	11.2	-	0.0	0.0	-	3.5
107.0	40.0	3.3	3.7	-	15.3	-	0.0	0.0	-	0.0	3.3	-	0.0
107.0	45.0	0.0	0.0	-	15.3	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	50.0	0.0	0.0	-	0.0	-	27.7	0.0	-	0.0	0.0	-	3.1
107.0	55.0	0.0	3.6	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
107.0	70.0	0.0	0.0	-	3.2	-	0.0	3.1	-	6.8	0.0	-	0.0
107.0	80.0	0.0	3.6	-	0.0	-	5.9	3.3	-	2.7	0.0	-	0.0
110.0	35.0	0.0	3.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	40.0	0.0	0.0	-	9.8	-	51.2	0.0	-	0.0	0.0	-	0.0
110.0	45.0	3.0	0.0	-	0.0	-	3.2	4.1	-	0.0	0.0	-	0.0
110.0	50.0	3.0	0.0	-	221.3	-	0.0	4.4	-	0.0	0.0	-	0.0
110.0	60.0	0.0	0.0	-	9.8	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	2.7	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	80.0	0.0	0.0	-	9.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	29.0	0.0	4.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	35.0	0.0	3.4	-	3.4	-	0.0	0.0	-	3.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	14.9	-	2.9	0.0	-	3.3	0.0	-	0.0
113.0	45.0	2.8	0.0	-	3.0	-	12.1	0.0	-	0.0	0.0	-	0.0
113.0	50.0	0.0	0.0	-	3.1	-	3.0	0.0	-	0.0	0.0	-	0.0
113.0	60.0	2.7	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	70.0	0.0	0.0	-	9.4	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	80.0	0.0	0.0	-	0.0	-	3.1	0.0	-	9.2	0.0	-	0.0
117.0	25.0	0.0	3.3	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	3.5	-	0.0
117.0	30.0	0.0	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
117.0	35.0	0.0	3.7	-	0.0	-	0.0	5.4	-	0.0	0.0	-	0.0
117.0	40.0	0.0	0.0	-	5.9	-	4.2	0.0	-	0.0	0.0	-	0.0
117.0	45.0	0.0	7.2	-	0.0	-	6.6	0.0	-	0.0	-	0.0	0.0
117.0	50.0	0.0	3.5	-	5.6	-	11.6	0.0	-	0.0	-	0.0	0.0
117.0	60.0	0.0	0.0	-	0.0	-	3.7	3.2	-	0.0	-	0.0	0.0
117.0	70.0	0.0	0.0	-	3.1	-	0.0	3.3	-	0.0	-	0.0	2.8
117.0	80.0	-	0.0	-	6.1	-	8.0	3.2	-	0.0	-	0.0	0.0
118.0	39.0	0.0	3.6	-	0.0	-	16.0	0.0	-	0.0	0.0	-	3.0
119.0	33.0	0.0	0.0	-	0.0	-	13.1	3.5	-	0.0	0.0	-	0.0
120.0	24.0	0.0	11.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	25.0	0.0	2.8	-	0.0	-	0.0	0.0	-	2.3	0.0	-	0.0
120.0	30.0	0.0	0.0	-	12.1	-	0.0	0.0	-	0.0	0.0	-	0.0
120.0	35.0	0.0	-	0.0	2.6	-	0.0	0.0	-	0.0	0.0	-	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	40.0	0.0	-	0.0	0.0	-	4.4	0.0	-	1.9	-	1.7	0.0
120.0	45.0	0.0	-	1.8	6.2	-	0.0	3.7	-	0.0	-	0.0	0.0
120.0	50.0	0.0	-	0.0	0.0	-	3.1	13.9	-	0.0	-	0.0	0.0
120.0	55.0	-	-	5.8	-	-	0.0	-	-	0.0	-	-	0.0
120.0	60.0	0.0	-	0.0	3.2	-	0.0	0.0	-	3.3	-	0.0	0.0
120.0	70.0	0.0	-	0.0	6.1	-	3.4	0.0	-	0.0	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	10.7	3.4	-	3.3	-	0.0	0.0
120.0	90.0	-	-	0.0	-	-	3.2	-	-	0.0	-	-	0.0
123.0	36.0	-	-	23.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	37.0	-	-	3.2	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
123.0	42.0	-	-	0.0	0.0	-	0.0	3.3	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	2.8	-	0.0	0.0	-	0.0	-	0.0	3.0
123.0	50.0	-	-	7.0	2.8	-	0.0	27.0	-	0.0	-	0.0	0.0
123.0	60.0	-	-	0.0	8.3	-	0.0	0.0	-	3.1	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	-	2.5	0.0
127.0	34.0	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	10.9
127.0	40.0	-	-	3.7	0.0	-	3.4	3.4	-	-	0.0	0.0	0.0
127.0	45.0	-	-	0.0	0.0	-	0.0	19.4	-	-	0.0	0.0	0.0
127.0	50.0	-	-	3.5	3.4	-	0.0	3.3	-	-	0.0	0.0	0.0
127.0	60.0	-	-	3.5	0.0	-	0.0	12.5	-	-	0.0	0.0	0.0
130.0	28.0	-	-	3.3	2.1	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	2.9	0.0	0.0
130.0	35.0	-	-	3.7	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
130.0	40.0	-	-	3.4	0.0	-	0.0	0.0	-	-	3.4	0.0	0.0
130.0	45.0	-	-	0.0	0.0	-	3.8	0.0	-	-	3.3	0.0	-
130.0	60.0	-	-	0.0	0.0	-	0.0	3.5	-	-	0.0	3.0	-
133.0	25.0	-	-	7.4	0.0	-	1.9	0.0	-	-	6.0	0.0	0.0
133.0	30.0	-	-	7.2	2.7	-	0.0	3.5	-	-	0.0	0.0	0.0
133.0	35.0	-	-	18.9	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
133.0	40.0	-	-	10.2	0.0	-	0.0	0.0	-	-	0.0	0.0	3.0
133.0	50.0	-	-	3.4	0.0	-	0.0	0.0	-	-	0.0	5.3	-
137.0	22.0	-	-	2.7	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
137.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	2.8	5.0
137.0	35.0	-	-	3.3	0.0	-	0.0	0.0	-	-	0.0	0.0	0.0
137.0	40.0	-	-	23.8	9.0	-	0.0	0.0	-	-	0.0	0.0	-
137.0	50.0	-	-	0.0	3.2	-	0.0	3.1	-	-	0.0	0.0	-
137.0	60.0	-	-	0.0	40.9	-	0.0	3.2	-	-	0.0	0.0	-

Unidentified fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	1.7	-	-	-	-	-	-	-	-	-	-	-
40.0	90.0	10.1	-	-	-	-	-	-	-	-	-	-	-
40.0	100.0	40.6	-	-	-	-	-	-	-	-	-	-	-
43.0	80.0	5.3	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	70.0	3.3	-	-	-	-	-	-	-	-	-	-	-
50.0	90.0	-	3.7	-	-	-	-	-	-	-	-	-	-
53.0	55.0	-	3.0	-	-	-	-	-	-	-	-	-	-
53.0	70.0	-	18.2	-	-	-	-	-	-	-	-	-	-
57.0	55.0	-	3.2	-	-	-	-	-	-	-	-	-	-
57.0	60.0	-	11.7	-	-	-	-	-	-	-	-	-	-
60.0	50.0	5.2	0.0	-	-	2.1	-	0.0	0.0	-	0.0	-	-
60.0	52.0	30.5	21.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	70.0	9.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
60.0	80.0	0.0	0.0	-	-	3.8	-	0.0	0.0	-	0.0	0.0	-
60.0	90.0	0.0	0.0	-	-	0.0	-	22.5	0.0	-	0.0	0.0	-
60.0	120.0	-	3.0	-	-	-	-	-	-	-	-	-	-
63.0	50.0	15.3	0.8	-	-	2.1	-	0.0	0.0	-	0.0	12.7	-
63.0	52.0	0.0	4.9	-	-	0.0	-	4.3	0.0	-	0.0	0.0	-
63.0	55.0	6.4	20.7	-	-	3.0	-	3.6	3.4	-	0.0	0.0	-
63.0	90.0	0.0	0.0	-	-	19.8	-	3.4	0.0	-	0.0	0.0	-
67.0	48.0	2.3	0.8	-	-	0.0	-	3.4	0.0	-	7.8	2.0	-
67.0	50.0	3.3	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
67.0	55.0	0.0	0.0	-	-	0.0	-	3.6	0.0	-	0.0	0.0	-
67.0	70.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	3.3	-
70.0	51.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	9.8	-
70.0	60.0	0.0	0.0	-	-	0.0	-	0.0	0.0	-	3.0	0.0	-
70.0	80.0	2.6	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
70.0	100.0	-	3.5	-	-	3.4	-	-	0.0	-	-	0.0	-
73.0	50.0	0.0	0.0	-	-	0.0	-	0.0	6.4	-	0.0	0.0	-
73.0	53.0	6.0	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	60.0	0.0	0.0	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
73.0	70.0	5.0	3.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
73.0	90.0	0.0	0.0	-	-	7.0	-	0.0	0.0	-	0.0	0.0	-
77.0	48.0	3.3	0.0	-	-	0.0	-	1.7	1.0	-	0.0	0.0	-
77.0	51.0	3.4	0.0	-	-	0.0	-	0.0	6.2	-	0.0	0.0	-
77.0	55.0	3.4	0.0	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	60.0	0.0	0.0	-	-	0.0	-	4.1	0.0	-	0.0	0.0	-
77.0	65.0	0.0	1.6	-	-	3.5	-	0.0	0.0	-	0.0	0.0	-
77.0	70.0	0.0	1.5	-	-	0.0	-	0.0	0.0	-	0.0	0.0	-
77.0	80.0	0.0	0.0	-	0.0	3.7	-	0.0	0.0	-	0.0	9.0	-
80.0	51.0	0.0	0.0	-	0.0	0.0	-	3.2	0.0	-	0.0	0.0	-
80.0	52.0	0.0	0.0	-	6.4	0.0	-	0.0	3.5	-	0.0	0.0	-
80.0	55.0	41.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
80.0	60.0	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	6.0	-
80.0	80.0	0.0	0.0	-	2.8	3.4	-	0.0	0.0	-	0.0	0.0	-
80.0	90.0	0.0	0.0	-	69.1	3.3	-	0.0	0.0	-	0.0	0.0	-
82.0	47.0	12.6	-	-	0.0	0.0	-	0.0	2.7	-	3.3	0.0	-
83.0	40.0	1.5	0.0	-	0.0	0.0	-	1.4	0.0	-	2.4	0.0	-
83.0	43.0	0.0	0.0	-	6.6	0.0	-	60.5	19.1	-	0.0	0.0	-
83.0	51.0	0.0	4.0	-	159.7	0.0	-	0.0	0.0	-	0.0	0.0	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	55.0	6.5	0.0	-	3.5	0.0	-	9.7	0.0	-	0.0	0.0	-
83.0	70.0	0.0	27.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-
83.0	80.0	0.0	0.0	-	0.0	0.0	-	0.0	7.0	-	0.0	0.0	-
87.0	33.0	2.8	7.8	-	0.0	0.0	-	5.5	-	0.0	0.0	-	0.0
87.0	35.0	0.0	0.0	-	64.8	6.6	-	7.3	-	0.0	0.0	-	3.1
87.0	40.0	0.0	0.0	-	7.1	3.2	-	10.5	-	19.9	3.5	-	0.0
87.0	45.0	6.0	10.0	-	3.1	3.0	-	0.0	-	0.0	0.0	-	0.0
87.0	50.0	3.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
87.0	60.0	0.0	0.0	-	-	0.0	-	3.3	-	0.0	0.0	6.1	-
87.0	90.0	0.0	3.3	-	0.0	0.0	-	0.0	-	0.0	3.3	8.8	-
90.0	28.0	20.2	26.7	-	0.0	0.0	-	6.5	-	9.2	0.0	-	0.0
90.0	32.0	0.0	0.0	-	0.0	6.9	-	10.7	-	0.0	0.0	-	9.8
90.0	37.0	0.0	0.0	-	0.0	3.4	-	11.0	-	0.0	0.0	-	0.0
90.0	39.0	-	0.0	-	-	0.0	-	-	-	0.0	-	-	3.2
90.0	45.0	0.0	0.0	0.0	391.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	53.0	6.6	0.0	-	10.3	5.8	-	0.0	-	0.0	0.0	-	0.0
90.0	60.0	15.4	0.0	0.0	0.0	0.0	-	0.0	-	0.0	3.3	-	0.0
90.0	70.0	6.5	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	90.0	0.0	0.0	-	6.3	0.0	-	0.0	-	0.0	0.0	-	0.0
90.0	100.0	0.0	-	-	6.7	-	-	0.0	-	-	0.0	-	-
90.0	140.0	3.3	-	-	0.0	-	-	0.0	-	-	0.0	-	-
93.0	27.0	0.0	0.0	-	0.0	0.0	-	2.8	-	0.0	0.0	-	0.0
93.0	28.0	0.0	0.0	-	3.1	3.1	-	102.7	-	0.0	0.0	-	3.2
93.0	30.0	0.0	10.4	-	0.0	0.0	-	5.7	-	0.0	0.0	-	0.0
93.0	35.0	0.0	3.0	-	0.0	0.0	-	0.0	-	0.0	0.0	-	3.2
93.0	40.0	0.0	0.0	-	0.0	3.0	-	0.0	-	0.0	0.0	-	0.0
93.0	50.0	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0	0.0	-	9.2
93.0	55.0	0.0	61.2	-	3.2	0.0	-	0.0	-	-	0.0	-	3.2
93.0	60.0	0.0	0.0	-	0.0	7.2	-	0.0	-	0.0	0.0	-	0.0
93.0	70.0	0.0	2.9	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	80.0	3.2	0.0	-	3.2	0.0	-	0.0	-	0.0	3.4	-	0.0
93.0	90.0	0.0	13.1	-	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0
93.0	120.0	3.2	-	-	0.0	-	-	6.1	-	-	0.0	-	-
93.0	140.0	-	-	-	3.0	-	-	11.2	-	-	0.0	-	-
94.0	30.0	0.0	3.3	-	-	-	-	-	-	-	-	-	-
97.0	29.0	0.0	0.0	-	0.0	-	9.5	13.8	-	0.0	2.2	-	0.0
97.0	30.0	0.0	5.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	2.8
97.0	32.0	0.0	0.0	-	6.8	-	13.4	56.9	-	0.0	0.0	-	3.2
97.0	35.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	40.0	0.0	6.4	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	45.0	0.0	0.0	-	0.0	-	6.0	0.0	-	0.0	3.3	-	0.0
97.0	50.0	2.9	0.0	-	2.5	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	60.0	0.0	5.3	-	0.0	-	0.0	4.2	-	0.0	0.0	-	0.0
97.0	80.0	0.0	-	-	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0
97.0	90.0	0.0	-	-	5.9	-	0.0	9.0	-	0.0	0.0	-	0.0
100.0	29.0	0.0	0.0	-	2.7	-	3.0	0.0	-	2.7	0.0	-	0.0

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	0.0	0.0	-	15.5	-	4.9	14.3	-	10.4	0.0	-	0.0
100.0	35.0	0.0	3.1	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	40.0	8.5	0.0	-	0.0	-	0.0	3.4	-	0.0	0.0	-	0.0
100.0	45.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.4	0.0	-	0.0
100.0	50.0	0.0	16.8	-	0.0	-	4.4	0.0	-	0.0	0.0	-	0.0
100.0	55.0	0.0	0.0	-	0.0	-	3.2	0.0	-	6.8	0.0	-	0.0
100.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.7	0.0	-	0.0
100.0	70.0	0.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	3.0
100.0	80.0	0.0	0.0	-	9.2	-	0.0	0.0	-	0.0	0.0	-	0.0
100.0	90.0	0.0	0.0	-	15.4	-	3.0	0.0	-	3.7	3.1	-	0.0
103.0	29.0	0.0	0.0	-	0.0	-	0.0	6.4	-	0.0	0.0	-	0.0
103.0	30.0	0.0	0.0	-	0.0	-	2.4	2.9	-	0.0	0.0	-	0.0
103.0	35.0	0.0	3.3	-	3.2	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	40.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.6	8.6	-	0.0
103.0	45.0	0.0	7.1	-	0.0	-	0.0	0.0	-	0.0	3.2	-	0.0
103.0	50.0	0.0	3.5	-	0.0	-	3.5	0.0	-	17.9	0.0	-	0.0
103.0	55.0	0.0	0.0	-	2.7	-	0.0	3.5	-	0.0	0.0	-	0.0
103.0	60.0	0.0	0.0	-	0.0	-	0.0	0.0	-	3.3	0.0	-	0.0
103.0	70.0	0.0	0.0	-	9.2	-	0.0	0.0	-	0.0	0.0	-	0.0
103.0	80.0	0.0	3.3	-	3.1	-	0.0	3.3	-	8.3	0.0	-	0.0
107.0	31.0	0.0	7.7	-	0.0	-	0.0	31.9	-	-	4.1	-	0.0
107.0	32.0	6.4	11.0	-	0.0	-	12.0	3.4	-	0.0	0.0	-	9.3
107.0	35.0	0.0	40.6	-	3.2	-	0.0	0.0	-	0.0	0.0	-	3.5
107.0	40.0	0.0	0.0	-	9.1	-	0.0	4.5	-	0.0	0.0	-	3.1
107.0	45.0	0.0	0.0	-	6.1	-	3.1	0.0	-	0.0	3.1	-	0.0
107.0	50.0	3.4	21.0	-	3.3	-	0.0	3.2	-	0.0	0.0	-	0.0
107.0	55.0	0.0	3.6	-	6.0	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	60.0	0.0	0.0	-	3.1	-	0.0	0.0	-	0.0	0.0	-	0.0
107.0	80.0	0.0	0.0	-	0.0	-	8.9	0.0	-	13.4	0.0	-	0.0
110.0	32.0	0.0	0.0	-	0.0	-	9.5	2.2	-	0.0	1.7	-	0.0
110.0	35.0	0.0	6.8	-	0.0	-	0.0	0.0	-	2.9	0.0	-	2.9
110.0	40.0	3.1	6.7	-	16.4	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	45.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	50.0	3.0	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
110.0	60.0	0.0	0.0	-	0.0	-	6.9	0.0	-	0.0	0.0	-	0.0
110.0	70.0	0.0	0.0	-	0.0	-	3.1	0.0	-	0.0	33.7	-	0.0
110.0	80.0	3.3	0.0	-	0.0	-	3.0	16.5	-	12.0	3.2	-	0.0
113.0	29.0	0.0	6.5	-	0.0	-	1.8	0.0	-	0.0	0.0	-	1.6
113.0	30.0	2.9	28.4	-	0.0	-	0.0	0.0	-	7.9	0.0	-	4.9
113.0	35.0	0.0	3.4	-	0.0	-	13.2	0.0	-	0.0	0.0	-	0.0
113.0	40.0	0.0	0.0	-	3.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	45.0	0.0	3.6	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	50.0	3.2	0.0	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0
113.0	70.0	0.0	10.6	-	0.0	-	0.0	0.0	-	9.6	9.5	-	0.0
113.0	80.0	60.8	0.0	-	0.0	-	0.0	0.0	-	27.5	0.0	-	3.0
117.0	26.0	0.0	0.0	-	0.0	-	0.0	0.0	-	20.7	0.0	-	5.3

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	30.0	0.0	0.0	-	0.0	-	2.7	0.0	-	4.8	0.0	-	0.0
117.0	35.0	0.0	3.7	-	0.0	-	3.2	0.0	-	0.0	0.0	-	0.0
117.0	40.0	0.0	56.8	-	0.0	-	4.2	0.0	-	0.0	3.4	-	0.0
117.0	45.0	0.0	0.0	-	0.0	-	9.9	3.5	-	6.8	-	3.0	0.0
117.0	50.0	0.0	3.5	-	8.5	-	0.0	6.8	-	6.3	-	0.0	0.0
117.0	60.0	0.0	0.0	-	3.2	-	0.0	0.0	-	0.0	-	0.0	0.0
117.0	70.0	84.5	0.0	-	3.1	-	0.0	42.9	-	0.0	-	0.0	8.6
117.0	80.0	-	0.0	-	0.0	-	0.0	0.0	-	3.1	-	0.0	0.0
118.0	39.0	0.0	17.8	-	0.0	-	8.0	0.0	-	3.3	0.0	-	0.0
119.0	33.0	0.0	0.0	-	0.0	-	3.3	38.2	-	0.0	0.0	-	0.0
120.0	24.0	0.0	16.6	-	2.5	-	0.0	2.2	-	14.8	0.0	-	0.0
120.0	25.0	0.0	2.8	-	2.8	-	0.0	0.0	-	0.0	2.1	-	0.0
120.0	30.0	0.0	3.3	-	0.0	-	0.0	2.5	-	0.0	0.0	-	0.0
120.0	40.0	0.0	-	0.0	0.0	-	0.0	8.5	-	5.8	-	0.0	11.1
120.0	45.0	0.0	-	1.7	3.1	-	19.8	3.7	-	0.0	-	0.0	0.0
120.0	50.0	3.3	-	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
120.0	60.0	3.1	-	0.0	0.0	-	0.0	9.5	-	6.5	-	0.0	0.0
120.0	70.0	0.0	-	3.3	0.0	-	3.4	10.6	-	3.1	-	0.0	0.0
120.0	80.0	-	-	0.0	0.0	-	10.7	27.1	-	0.0	-	0.0	0.0
120.0	90.0	-	-	0.0	-	-	6.3	-	-	0.0	-	-	0.0
123.0	36.0	-	-	0.0	0.0	-	0.0	0.0	-	5.5	-	0.0	0.0
123.0	37.0	-	-	0.0	0.0	-	0.0	0.0	-	3.0	-	2.8	0.0
123.0	42.0	-	-	14.7	0.0	-	2.9	16.4	-	0.0	-	0.0	0.0
123.0	45.0	-	-	0.0	0.0	-	25.3	13.4	-	0.0	-	0.0	0.0
123.0	50.0	-	-	0.0	0.0	-	0.0	20.3	-	6.5	-	0.0	0.0
123.0	60.0	-	-	10.5	0.0	-	3.1	0.0	-	0.0	-	0.0	0.0
127.0	33.0	-	-	0.0	0.0	-	3.5	0.0	-	22.6	-	0.0	0.0
127.0	34.0	-	-	0.0	0.0	-	2.5	0.0	-	0.0	0.0	-	0.0
127.0	40.0	-	-	44.3	0.0	-	47.0	13.5	-	-	3.6	0.0	2.8
127.0	45.0	-	-	3.5	0.0	-	6.2	42.1	-	-	7.2	0.0	0.0
127.0	50.0	-	-	14.2	0.0	-	2.9	6.6	-	-	0.0	0.0	0.0
127.0	60.0	-	-	3.5	3.2	-	18.8	3.1	-	-	0.0	0.0	6.0
130.0	28.0	-	-	0.0	0.0	-	2.5	0.0	-	-	40.7	4.7	0.0
130.0	30.0	-	-	0.0	3.1	-	3.0	0.0	-	-	0.0	5.1	0.0
130.0	35.0	-	-	7.4	0.0	-	8.2	0.0	-	-	6.4	0.0	0.0
130.0	40.0	-	-	6.9	0.0	-	0.0	3.4	-	-	6.8	0.0	3.0
130.0	45.0	-	-	3.4	0.0	-	3.8	0.0	-	-	6.7	0.0	-
130.0	50.0	-	-	14.4	0.0	-	22.3	0.0	-	-	0.0	0.0	-
130.0	60.0	-	-	0.0	0.0	-	16.1	0.0	-	-	0.0	0.0	-
133.0	23.0	-	-	0.0	0.0	-	0.0	0.0	-	-	19.5	2.4	0.0
133.0	25.0	-	-	3.7	0.0	-	0.0	0.0	-	-	6.0	2.8	0.0
133.0	30.0	-	-	0.0	0.0	-	0.0	0.0	-	-	0.0	0.0	5.3
133.0	35.0	-	-	7.5	2.8	-	17.3	0.0	-	-	3.3	0.0	2.9
133.0	40.0	-	-	0.0	0.0	-	0.0	7.2	-	-	0.0	0.0	0.0
133.0	50.0	-	-	3.4	0.0	-	0.0	0.0	-	-	0.0	2.7	-
133.0	60.0	-	-	25.1	3.2	-	0.0	3.2	-	-	0.0	0.0	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	22.0	-	-	0.0	0.0	-	2.6	30.8	-	-	38.9	0.0	4.9
137.0	23.0	-	-	0.0	0.0	-	0.0	3.3	-	-	15.9	0.0	15.1
137.0	35.0	-	-	0.0	8.6	-	0.0	37.6	-	-	3.5	0.0	0.0
137.0	40.0	-	-	0.0	0.0	-	0.0	6.4	-	-	0.0	0.0	-
137.0	50.0	-	-	0.0	9.5	-	39.9	9.4	-	-	3.2	0.0	-
137.0	60.0	-	-	0.0	0.0	-	21.0	16.0	-	-	3.2	0.0	-

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1961 to 1969. Taxa are listed in the same order as Table 4.

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Anguilliformes	7	8	20	8	24	17	5	3	13
Etrumeus acuminatus	4	7	36	37	35	26	7	1	9
Opisthonema spp.	–	–	–	–	2	3	–	–	–
Sardinops sagax	53	58	99	88	104	143	31	10	79
Engraulis mordax	408	454	567	707	618	987	150	188	880
Argentina sialis	18	49	33	37	49	93	21	18	98
Microstoma microstoma	12	19	11	31	17	48	9	19	73
Nansenia candida	9	13	5	7	9	39	6	12	32
Nansenia crassa	29	15	30	33	22	48	8	5	40
Bathylagus spp.	18	1	54	1	7	18	6	35	215
Bathylagus milleri	–	–	2	3	1	1	–	1	33
Bathylagus ochotensis	57	66	98	196	127	260	28	106	359
Bathylagus pacificus	5	7	8	38	3	26	–	15	80
Bathylagus wesethi	149	168	160	235	220	461	99	90	328
Leuroglossus stilbius	202	225	236	360	300	449	43	116	498
Dolichopteryx spp.	–	–	–	–	–	–	–	–	1
Macropinna microstoma	1	–	–	–	–	–	–	–	–
Osmeridae	–	–	2	–	–	–	–	–	1
Stomiiformes	12	4	3	6	1	6	9	1	4
Gonostomatidae	2	5	12	8	18	8	–	4	126
Cyclothone spp.	214	277	241	247	265	593	80	65	346
Diplophos taenia	5	5	7	–	3	11	1	1	7
Ichthyococcus spp.	4	11	11	13	7	35	5	2	34
Vinciguerria lucetia	342	371	383	369	436	828	121	82	479
Vinciguerria poweriae	3	7	3	4	3	6	–	–	1
Woodsia nonsuchae	–	–	1	–	–	–	–	–	–
Sternoptychidae	54	71	45	79	59	250	28	48	469
Astronesthidae	–	2	–	–	–	–	–	–	1
Chauliodus macouni	28	28	31	68	57	171	9	46	189
Idiacanthus antrostomus	48	43	26	32	33	72	15	22	114
Aristostomias scintillans	9	10	9	6	9	12	2	–	11
Bathophilus spp.	5	10	4	3	4	5	2	1	2
Eustomias spp.	1	1	–	1	1	–	–	1	–
Photonectes spp.	7	3	2	2	6	4	–	–	–
Tactostoma macropus	7	4	–	4	2	16	3	–	4
Stomias atriventer	58	76	98	81	100	326	24	46	214
Evermannellidae	1	3	1	1	1	–	–	–	–
Paralepididae	–	3	5	10	3	–	–	3	6
Lestidiops ringens	50	80	58	63	67	232	36	52	231
Notolepis risso	9	12	9	7	9	12	2	8	18
Paralepis atlantica	–	–	–	–	1	–	–	–	–
Stemonosudis macrura	4	6	–	2	6	5	–	1	1
Sudis atrox	2	4	–	2	4	–	–	–	–
Aulopus spp.	–	–	–	–	–	1	–	–	–
Scopelosaurus spp.	16	10	8	16	19	21	6	3	36
Scopelarchidae	67	60	50	21	33	114	29	13	93

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Myctophidae	165	151	179	220	222	346	33	79	329
Ceratoscopelus townsendi	149	157	128	146	156	302	37	23	153
Diaphus spp.	77	56	46	101	80	187	46	34	110
Lampadena urophaos	53	45	50	25	32	62	10	1	23
Lampanyctus spp.	148	139	199	155	183	401	67	65	550
Lampanyctus regalis	13	12	2	20	9	46	12	11	19
Lampanyctus ritteri	154	204	120	189	234	523	43	72	155
Notolychnus valdiviae	29	13	22	16	21	22	7	1	10
Notoscopelus resplendens	59	41	50	39	44	54	11	3	29
Parvilux ingens	–	–	–	–	–	–	–	–	1
Stenobrachius leucopsarus	177	179	186	342	263	420	31	127	390
Triphoturus mexicanus	407	422	451	448	494	990	142	92	556
Triphoturus nigrescens	4	–	–	–	1	–	–	–	–
Benthosema pterota	–	–	–	–	–	3	–	–	–
Centrobranchus spp.	2	10	–	2	2	–	1	–	2
Diogenichthys spp.	54	62	88	61	11	165	16	13	79
Diogenichthys atlanticus	102	155	92	111	116	171	38	46	210
Diogenichthys laternatus	94	127	161	163	249	361	63	32	210
Electrona rissoi	3	5	–	3	2	3	–	–	7
Gonichthys tenuiculus	20	24	29	46	81	146	16	12	48
Hygophum spp.	4	3	29	6	11	4	–	–	13
Hygophum atratum	27	38	41	44	103	178	21	6	81
Hygophum reinhardtii	39	58	27	20	27	9	7	–	10
Loweina rara	8	4	5	4	8	6	1	–	11
Myctophum nitidulum	46	42	31	32	19	58	11	8	59
Protomyctophum crockeri	247	252	225	292	261	671	109	139	717
Protomyctophum thompsoni	–	–	–	–	–	–	–	–	9
Symbolophorus californiensis	82	140	78	116	111	291	38	61	157
Tarletonbeania crenularis	160	115	111	140	132	208	10	73	277
Synodus spp.	19	23	41	35	42	121	23	–	54
Bregmaceros spp.	–	–	–	–	–	2	–	–	–
Microgadus proximus	–	–	–	3	–	2	–	–	–
Merluccius productus	152	228	229	290	290	398	25	95	361
Physiculus spp.	–	1	1	1	3	2	1	–	2
Macrouridae	4	6	6	5	3	5	2	3	14
Ophidiiformes	16	16	35	49	37	69	10	16	45
Brosmophycis marginata	–	2	3	3	7	17	5	8	16
Carapidae	–	1	–	1	–	–	–	–	–
Chilara taylori	12	31	15	11	29	55	15	–	28
Ophidion scrippsae	2	10	61	19	40	67	–	–	34
Porichthys spp.	1	–	1	1	–	1	1	–	2
Ceratioidei	15	26	17	7	18	43	–	–	30
Gobiesocidae	3	–	5	8	9	12	–	–	1
Exocoetidae	2	–	1	3	2	10	–	2	5
Hemiramphidae	–	–	–	2	1	–	–	–	–
Cololabis saira	11	6	13	22	9	31	3	10	32
Atherinidae	–	–	9	23	8	11	2	2	5
Trachipteridae	27	27	20	22	19	75	6	9	80
Eutaeniophoridae	–	–	–	–	–	–	–	–	5

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Melamphaes spp.	117	106	134	114	151	340	68	84	333
Poromitra spp.	13	18	28	28	32	51	6	14	27
Scopeloberyx robustus	4	2	2	–	7	–	–	–	2
Scopelogadus bispinosus	18	34	10	31	13	60	4	5	17
Macroramphosus gracilis	3	6	6	3	7	6	7	–	11
Syngnathus spp.	6	5	8	12	12	15	6	3	10
Agonidae	3	6	16	24	22	20	5	4	9
Anoplopoma fimbria	–	–	–	1	–	–	–	–	–
Cottidae	11	21	33	45	37	43	5	12	40
Scorpaenichthys marmoratus	3	3	7	13	20	15	–	5	24
Cyclopteridae	8	2	12	14	16	14	4	4	17
Hexagrammidae	–	1	–	2	1	1	–	1	6
Ophiodon elongatus	–	–	–	–	–	1	–	1	1
Oxylebius pictus	6	3	7	27	13	7	–	5	20
Zaniolepis spp.	2	9	12	11	7	26	7	3	19
Scorpaenidae	–	1	2	–	–	1	1	–	–
Scorpaena spp.	11	11	17	16	25	62	8	3	12
Sebastes spp.	311	273	289	492	387	698	81	207	705
Sebastolobus spp.	8	2	17	20	20	87	4	14	47
Prionotus spp.	10	9	40	15	30	25	–	–	19
Acanthuridae	–	–	1	–	–	–	–	–	–
Blennioidei	1	–	14	6	4	–	3	–	4
Hypsoblennius spp.	11	14	68	69	73	77	19	6	61
Clinidae	12	21	31	44	64	51	9	10	51
Gobiidae	31	41	87	80	104	198	36	19	138
Icosteus aenigmaticus	1	1	1	1	–	3	–	–	1
Labridae	–	2	9	–	7	–	2	3	–
Halichoeres spp.	12	12	40	18	36	50	4	1	28
Oxyjulis californica	23	22	34	15	31	97	23	15	58
Semicossyphus pulcher	6	10	21	7	27	28	4	–	8
Pomacentridae	–	–	10	4	8	5	–	–	–
Chromis punctipinnis	3	21	42	13	39	105	5	1	54
Hypsypops rubicundus	–	–	1	–	8	1	–	–	–
Mugil spp.	–	–	–	1	1	5	1	–	–
Apogonidae	–	–	–	–	–	1	–	–	–
Howella brodiei	16	7	–	5	4	3	1	1	4
Brama spp.	21	17	17	7	9	21	1	–	12
Carangidae	–	1	20	14	25	13	2	–	3
Seriola lalandi	5	12	15	7	14	30	5	4	9
Trachurus symmetricus	144	208	199	206	214	503	76	85	248
Caristius macropus	–	–	–	–	1	1	–	–	–
Coryphaena hippurus	–	7	2	1	10	5	1	–	1
Chaetodipterus zonatus	–	–	1	–	–	–	–	–	–
Gerreidae	–	2	15	10	14	12	2	–	4
Haemulidae	–	1	13	16	11	17	–	–	4
Girella nigricans	5	1	11	3	3	4	3	7	7
Medialuna californiensis	4	11	13	4	5	22	6	3	12
Caulolatilus princeps	4	3	2	3	7	5	1	–	2
Mullidae	–	–	2	–	–	–	–	–	–

TABLE 5. (cont.)

NAME	1961	1962	1963	1964	1965	1966	1967	1968	1969
Sciaenidae	28	42	85	135	147	157	32	38	195
Serranidae	10	6	68	38	59	91	23	2	72
Sparidae	-	-	1	-	-	-	-	-	-
Polynemidae	-	-	-	-	-	1	-	-	-
Gempylidae	7	15	6	5	8	7	-	-	1
Scombridae	3	-	3	2	4	-	8	2	2
Auxis spp.	-	-	2	-	8	4	-	-	2
Sarda chiliensis	7	3	10	8	9	29	1	-	30
Scomber japonicus	26	32	57	39	34	68	14	-	24
Scomberomorus spp.	1	-	1	1	5	3	-	-	-
Trichiuridae	10	23	27	17	27	74	10	-	23
Sphyraena argentea	6	6	22	10	25	31	7	4	15
Icichthys lockingtoni	38	39	52	78	53	131	18	48	202
Nomeidae	-	-	1	1	1	2	-	-	1
Peprilus simillimus	2	19	19	18	45	52	22	11	45
Tetragonurus cuvieri	45	76	98	46	31	74	36	5	48
Chiasmodontidae	25	22	39	13	40	60	6	10	41
Pleuronectiformes	2	-	13	7	4	-	1	1	7
Bothus spp.	-	-	2	-	-	-	-	-	-
Citharichthys spp.	186	221	281	243	342	590	108	101	611
Citharichthys stigmaeus	50	97	65	73	65	171	19	42	269
Hippoglossina stomata	24	15	44	42	44	83	12	5	52
Paralichthys californicus	21	37	57	96	107	81	13	13	60
Syacium ovale	-	-	3	-	1	3	-	-	-
Xystreurys liolepis	1	9	15	18	8	30	4	-	22
Glyptocephalus zachirus	2	-	9	18	4	36	-	14	15
Hypsopsetta guttulata	1	-	4	5	10	3	-	-	6
Lepidopsetta bilineata	1	1	-	1	2	3	2	2	1
Lyopsetta exilis	32	31	33	46	33	72	4	20	65
Microstomus pacificus	2	-	11	13	16	52	13	17	56
Parophrys vetulus	14	32	41	41	81	80	6	21	80
Platichthys stellatus	-	-	-	-	-	3	-	-	-
Pleuronichthys spp.	4	3	10	12	1	-	10	3	1
Pleuronichthys coenosus	2	2	6	9	5	11	1	3	15
Pleuronichthys decurrens	1	4	-	1	4	11	-	2	11
Pleuronichthys ritteri	5	3	12	12	9	8	2	1	7
Pleuronichthys verticalis	10	47	56	74	88	81	24	18	66
Psettichthys melanostictus	1	1	5	12	9	10	-	4	14
Symphurus spp.	18	41	73	48	75	138	10	-	71
Soleidae	-	-	-	-	1	-	-	-	-
Tetraodontidae	-	-	-	-	3	-	-	-	-
Disintegrated fish larva	184	223	274	311	319	542	84	74	458
Unidentified fish larva	147	147	256	217	263	485	60	72	422

TABLE 6. List of stations which were occupied twice in one month during 1969.

Station		Month
63.0	50.0	2
63.0	52.0	2
63.0	55.0	2
67.0	48.0	2
67.0	50.0	2
67.0	55.0	2
67.0	60.0	2
67.0	65.0	2
67.0	70.0	2
67.0	80.0	2
67.0	90.0	2
70.0	51.0	2
70.0	53.0	2
70.0	60.0	2
70.0	65.0	2
70.0	70.0	2
70.0	90.0	2
70.0	100.0	2
73.0	50.0	2
73.0	53.0	2
73.0	60.0	2
73.0	65.0	2
73.0	70.0	2
73.0	80.0	2
73.0	90.0	2
77.0	48.0	2
77.0	51.0	2
77.0	55.0	2
77.0	60.0	2
77.0	65.0	2
77.0	70.0	2
77.0	80.0	2
77.0	90.0	2
120.0	45.0	3
120.0	70.0	3
107.0	31.0	10

INDEX

This index lists taxa included in Table 4 with their page numbers.

RECENT TECHNICAL MEMORANDUMS

Copies of this and other NOAA Technical Memorandums are available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22167. Paper copies vary in price. Microfiche copies cost $4.50. Recent issues of NOAA Technical Memorandums from the NMFS Southwest Fisheries Center are listed below:

NOAA-TM-NMFS-SWFC- 90 Summary of worldwide locality records of the striped dolphin, *Stenella coeruleoalba*.
C.E. WILSON, W.F. PERRIN, J.W. GILPATRICK, JR., and S. LEATHERWOOD
(December 1987)

91 Micropatch sampler data.
R.W. OWEN and C.A. KIMBRELL
(December 1987)

92 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1961.
E.M. SANDKNOP, R.L. CHARTER, H.G. MOSER, C.A. MEYER, and A.E. HAYS
(January 1988)

93 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1962.
B.Y. SUMIDA, R.L. CHARTER, H.G. MOSER, and D.L. SNOW
(January 1988)

94 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1963.
D.A. AMBROSE, R.L. CHARTER, H.G. MOSER, and B.S. EARHART
(January 1988)

95 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1964.
E.M. SANDKNOP, R.L. CHARTER, H.G. MOSER, C.A. MEYER, and A.E. HAYS
(January 1988)

96 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1965.
E.G. STEVENS, R.L. CHARTER, H.G. MOSER, and L.R. ZINS
(January 1988)

97 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1966.
B.Y. SUMIDA, R.L. CHARTER, H.G. MOSER, and D.L. SNOW
(January 1988)

98 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1967.
D.A. AMBROSE, R.L. CHARTER, H.G. MOSER, and B.S. EARHART
(January 1988)

99 Ichthyoplankton and station data for California Cooperative Oceanic Fisheries Investigations survey cruises in 1968.
E.M. SANDKNOP, R.L. CHARTER, H.G. MOSER, C.A. MEYER, and A.E. HAYS
(January 1988)